EXHIBIT 1

UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF MICHIGAN
SOUTHERN DIVISION

MICHIGAN STATE A. PHILIP RANDOLPH
INSTITUTE, COMMON CAUSE, MARY LANSDOWN,
ERIN COMARTIN, and DION WILLIAMS,

Plaintiffs,

v.   No. 2:16-cv-11844
                                                Hon. Gershwin Drain

RUTH JOHNSON, in her official
capacity as Michigan Secretary of State,

        Defendant.

_____/

RULE 26(A)(2)(B) AMENDED EXPERT REPORT AND DECLARATION OF KURT METZGER

I.   INTRODUCTION

I have been retained by Plaintiffs' Counsel as an expert witness in the above-captioned case. Plaintiffs' Counsel requested that I offer my opinions as to the rates at which African-American and white voters in Michigan use straight party voting; the likely impact of Michigan's elimination of straight ticket voting on African-American and white voters; and the impact of the Gingles factors on African-American voters in Michigan.

For my report during the preliminary injunction phase of this case, I conducted a study of 2012 and 2014 election data from 9 of Michigan's largest counties to support my conclusions and opinions. For this report I have been able to study all of the available data from every Michigan county for general elections from 2012 to 2016, a far larger sample than was available for my previous report.

Based on this comprehensive analysis, it is quite clear that African Americans are more likely to use the straight party voting option and will be disproportionately affected by its elimination. I have also updated and supplemented the data in my first report on the Gingles factors which clearly show that

African-Americans in Michigan are worse off socioeconomically than white, non-Hispanics and that they register and vote at lower rates.

II.   QUALIFICATIONS

I have conducted demographic research for the past 37 years, since assuming the role of Regional Information Specialist with the U.S. Census Bureau in Detroit, Michigan in 1980. I received my Bachelors of Arts degree from the University of Cincinnati (Psychology and Sociology) in 1969, and my Masters degree from The University of Cincinnati (Experimental Psychology) in 1972. I completed all course work and major qualifying exams toward my Ph.D. at the University of Cincinnati, but chose to take a job with the U.S. Census Bureau rather than complete the dissertation and pursue an academic track. I have been working in the field of demographic analysis, with a special concentration on Michigan, metropolitan Detroit and metropolitan geographies in general, since moving to the position of Regional Information Specialist with the U.S. Census Bureau in 1980. [I came to work at the Bureau fulltime in 1975. Between 1975 and 1980, I conducted special censuses, served as one of the first two Regional Geographic Specialists in the country, and served as Assistant Regional Census Manager - Administration on the 1980 Census for the Detroit region. In this capacity I supervised administrative technicians in the 39 temporary offices set up in Michigan, Ohio and West Virginia). I have attached as Appendix A to this report a copy of my Resume. The following is a brief summary of my demographic experience and its relevance to racial characteristics and voting.

As stated earlier, I began my immersion in demography at the U.S. Census Bureau in Detroit. Serving in the role of Regional Information Specialist for 10 years, I organized and directed the data services program in the 3-state region. I served in a public relations and market research capacity, providing businesses, libraries, schools, media, community groups and government agencies with census information for market studies and related applications. I created a number of training resources and developed a thorough knowledge of census and other demographic-related datasets, including voter demographics as they relate to registration, turnout and geographic variations.

In 1990, I left the Census Bureau to take the position of Senior Research Analyst, Center for Urban Studies (CUS), Wayne State University. The Michigan Metropolitan Information Center (MIMIC) was the program in CUS that served as a coordinating agency within the Census Bureau's State Data Center Program. This role made them an arm of the Bureau and entitled them access to both print publications and mainframe computer tapes, containing more detailed data than otherwise

available. My role was to develop a publication program (data profiles and research monographs – listed in my resume), the development and marketing of demographic products, production of a newsletter, and the formulation and presentation of training conferences and workshops for faculty, professional associations, media, government agencies, and the general public. One of the most interesting and relevant projects, *a community-driven redistricting effort,* came to us through a grant from the Joyce Foundation. Access to the Census Bureau's Redistricting File (PL94-171) allowed us access to the same census data that the Michigan Republican and Democratic redistricting committees (and their consultants) in Lansing received. We worked with interested citizens to develop our own redistricting plans for the Michigan House and Senate seats. Our analysis was purely based on population and the one person – one vote criterion, and undergirded by geographic contiguity and communities of interest. Our final plans were submitted to the state.

I became Director of MIMIC in 1993 and added the title of Research Director for the Center for Urban Studies in 2002. MIMIC's mission was to document and investigate trends in urban population and housing, conducting a variety of research, education and service programs designed to improve the understanding of population and housing patterns in Detroit and urban America. MIMIC specialized in the use of census data, the computer processing of large public data sets, and computer mapping. Much of our work was interdisciplinary within Wayne State and with other universities in Michigan. MIMIC provided the demographic and data analysis support for a variety of departments, including Political Science, Urban Planning, Sociology and Medicine.

In 2005 I joined United Way for Southeastern Michigan (UWSEM) as their first Director of Research. While at UWSEM I utilized primary and secondary research to identify the critical social issues in the Detroit Region that should form the basis for the organization's new Community Impact funding model.

The demographic expertise that I had brought to the region was recognized and rewarded in 2008 when the region's foundation community, led by the Kresge and Skillman foundations, selected me to receive a $1.8 million, 3-year grant, to create a research organization that would house and analyze any and all data that could be collected on the City of Detroit and the region. These data would be used to direct and evaluate foundation investments and serve as a one-stop shop for data (www.datadrivendetroit.org), analysis, mapping and more. D3 became a member of the Urban Institute's National Neighborhood Indicators Partnership program and I served on their advisory leadership group. In my capacity with D3, I participated in several election-related projects, including the redistricting of Wayne County Commission Districts after the 2010 Census; proposing

new districts for the City of Detroit; participating in a non-profit effort at non-partisan reapportionment/redistricting of Michigan U.S. Congressional Districts; and speaking to a variety of groups on the racial dynamics of redistricting in Michigan.

My research areas of interest continue to be centered on racial and ethnic diversity patterns and their intersection with the demographic, socioeconomic, health and housing characteristics of southeast Michigan. My interest in these trends rests at both a geographic level, in terms of settlement patterns, and at the comparative level, in terms of the "gaps" or differences that are present across groups. This research interest plays out across a variety of topical areas, including Reapportionment Analysis, Local Economic Development, Environmental Justice, Immigration, Neighborhood Networks and Development, EEO/Affirmative Action, and HMDA/CRA Analysis.

My publications, while not related to election-related issues, demonstrate my broad demographic interests. My expertise is best supported by the number and variety of organizations that request me to speak on demographic issues and the variety of media outlets that reaches out for comment and analysis on a wide variety of demographic and other population-related subjects.

III.   TESTIMONY AT TRIAL, DEPOSITIONS, AND AFFIDAVITS

Previous related testimony concerned the racial composition of juries in Kent County, Michigan. My analysis included demographic characteristics of African Americans in Kent County as it would relate to answering a jury summons and participating in a jury selection process.

IV.   COMPENSATION

My fee for this case is $200 per hour, plus reimbursement for pre-approved personal expenses in connection with the case. My fee for deposition and court testimony, or any other on-location services, is $2,100 per day.

V.   INFORMATON AND DATA CONSIDERED IN FORMING OPINIONS/METHODOLOGY

In order to offer my opinions as to the rates at which African-American and white voters in Michigan use straight party voting, and the likely impact of Michigan's elimination of straight party voting on African American and white voters, I acquired voting results by precinct for all 83 Michigan counties

for 2016, 69 counties for 2014 and 61 counties for 2012. This was all of the data the State of Michigan and the counties had available. I also utilized 2010 Census data on the racial/ethnic composition of the voting age population for all communities across Michigan's 83 counties.

Due to the secret ballot it is impossible to know whether any individual voter used straight party voting, thereby eliminating the determination of a direct link between straight party voting and the race of an individual voter. Thus my analysis required access to voting results from counties and communities that constituted a large segment of the African American population in Michigan. The acquisition of data in this study fulfilled that requirement. The 2016 file was complete, covering every county in Michigan and accounting for the total voting age population. When compared with the racial composition of the voting-age population in Michigan (from the 2010 PL94-171 Redistricting Census file), the sixty-nine counties collected for 2014 accounted for 90.2 percent of Michigan's total voting-age population and 96.2 percent of the African American voting-age population. The sixty-one counties collected for 2012 accounted for 89.9 percent of Michigan's total voting-age population and 96.1 percent of the African American voting-age population. The counties under study ranged from an African American share on the high end of 39.2 percent (Wayne) to 41 counties with shares less than 1.0 percent.

The Michigan Secretary of State's office provided the county by county precinct-based voting results and I obtained from counties and communities documentation of straight party voting for the November 2012 and 2016 (Presidential) and November 2014 (Gubernatorial) elections. The files, once I was able to put them in a final form, consisted of the following fields:

- Community Name
- Precinct Number
- Total Votes Cast

- Straight Party - Republican

- Straight Party - Democrat

- Straight Party - Libertarian

- Straight Party – U.S. Taxpayer

- Straight Party - Green

- Straight Party – Natural Law

- Straight Party – Total

- Straight Party – Percent of Total Vote

An analysis of the census data for voting precincts, contained in the Census Bureau's 2010 PL94-171 Redistricting File, revealed that, due to changes over time, it was not possible to connect the racial composition of the voting-age population at the precinct level with the share of straight ticket votes cast at the precinct level. This is so because Michigan law allows local clerks to change precinct boundaries between elections and many clerks do so regularly. A large number of Michigan precincts have had their boundaries changed since 2010. While such a fine-grained precinct-level analysis would have been preferred, it was clear from the data that a community-level analysis would be possible and still provide a substantial number of observations from which to draw valid conclusions related to race and straight ticket voting.

The next step was to aggregate the precinct level data to form community summaries. The community summaries contained the same fields as listed above. I then added to each community voting summary record the following fields from the census data on the racial composition of the voting-age population.

- Percent African American

- Percent Minority

- Percent White, non-Hispanic

In order to understand how racial composition interacted with straight ticket voting, I ran the following correlations across communities within counties:

- 2012 Straight Ticket Share / Percent African American Voting Age

- 2012 Straight Ticket Share / Percent Minority Voting Age

- 2012 Straight Ticket Share / Percent White, non-Hispanic Voting Age

- 2014 Straight Ticket Share / Percent African American Voting Age

- 2014 Straight Ticket Share / Percent Minority Voting Age

- 2014 Straight Ticket Share / Percent White, non-Hispanic Voting Age

- 2016 Straight Ticket Share / Percent African American Voting Age

- 2016 Straight Ticket Share / Percent Minority Voting Age

- 2016 Straight Ticket Share / Percent White, non-Hispanic Voting Age

Since the primary questions I have been asked to answer are the relationship between straight ticket voting and African American voters, and the effect of its elimination on those voters, I am presenting a table that presents the correlations for each county, utilizing community level data as the unit of aggregation, between 2012 and 2016 share of straight ticket votes and the 2010 share of the voting-age population that is African American. [Appendix A contains a complete set of the county/community values utilized in the correlation analysis. Complete county-level datasets at the precinct level are available, but not included in this report.]

Correlations - Percent Straight Ticket Voting and African American Share of Voting-Age Population

Election Year	Number of Counties Included	Number of Communities / Observations Included	Correlation Coefficient
2016	83	1,522	0.4684
2014	69	1,303	0.3793
2012	61	1,213	0.3521

It is clear that there is a high correlation between the racial composition of the voting-age population (percent African American) and the use of the straight party voting option. One must also acknowledge that other demographic and socioeconomic factors may also influence the use of straight party voting. I tested a number of these factors against the 2016 (most complete) straight ticket voting set. The results appear below.

Factor	Correlation Coefficient
African Americans as Percent of Voting Age Population	**0.4684**
Percent 25 Years and over - Less than HS Graduate	0.2406
Percent 25 Years and over - Bachelors Degree or more	-0.0254
Median Household Income	-0.0065
Percent of Population in Poverty	0.2085
Median Age	-0.3449

It is clear that median household income and percent college graduates (both areas where African Americans come in well below white, non-Hispanics) have almost no correlation with straight party

voting. Moderate positive correlations are shown for percent in poverty and percent with no high school diploma or GED (both areas where African Americans come in well above white, non-Hispanics). The highest correlation, a negative .3449, was associated with the median age of the community. In other words, as a community's median age gets higher, the percent of straight party votes decreases. This fits with my earlier conclusion as to the high correlation between straight party voting and the African-American voting age population because white, non-Hispanics trend older than African Americans. In 2015 (the latest data available from the Census Bureau), the median age for white, non-Hispanics in Michigan was 43.2 years, while that for African Americans was a full nine years less, at 34.1 years. Thus, one would expect the rate of straight party voting to decrease as the age of the voting population increases. In sum, none of these other socioeconomic factors undermines the high correlation between the use of straight party voting and the African-American voting age population.

The next analysis utilizes the 2016 voting results (due to their comprehensive nature) and subsets the communities by 'Percent African American" voting age population. The table below utilizes four categories: All Communities; Communities less than 40% African American; Communities between 40.0 and 49.9 percent African American; and Majority African American communities.

	Ballots Cast	Straight Party	Percent Straight Party
All Communities	4,879,430	2,398,383	49.2%
Communities less than 40.0% AA	4,449,706	2,068,084	46.5%
Communities 40.0 to 49.9% AA	39,767	27,385	68.9%
Communities with Majority AA	389,957	302,914	77.7%

Straight Party voting rates were calculated for each of these categories. It is quite clear that the share of African American voters in the community has a clear effect on the percent of straight party votes cast. While the statewide share for the November 2016 election was 49.2 percent, the share in communities with a majority of African Americans in their voting-age population (12 communities) rises to 77.7 percent. This represents a difference of 28.5 percentage points, or an increase of 57.9 percent. The 40.0 to 49.9 percent African American communities (of which there were 7) were pulled out separately to further illustrate the trend. Here we see an increase of 19.7 percentage points over the statewide average. A z-test for significant differences between expected and observed proportions, using minority African-American districts as the reference category, indicated that the proportion of straight party ticket voting was significantly different between minority and majority African-American districts.

VI.   CONCLUSIONS AS TO STRAIGHT PARTY VOTING

The statistical analyses of community-level voting results, built from precinct-level files, that are put forth in this report quite clearly show that African Americans are more likely to use the straight party voting option and that its elimination will disproportionately affect African American voters. High correlations were found across communities in Michigan (1,522 in 2016; 1,303 in 2014; and, 1,213 in 2012) between the share of African Americans in the voting-age population and the percent of straight party ballots cast in the November general elections of 2012, 2014 and 2016. An analysis of Michigan communities by their share of African Americans in the voting-age population, shows how segregated the State of Michigan is.

The table below shows that only 12 communities (0.8 percent of the total) have a majority of African American voters. Only 31 communities have shares between 20.0 and 49.9 percent. Three quarters (74.5 percent) of all communities have an African American voting age population less than 1.0 percent of the total.

Percent African American Voting Age	Number of Communities	Share of Communities
50.0% or more	12	0.8%
40.0 to 49.9%	7	0.5%
30.0 to 39.9%	9	0.6%
20.0 to 29.9%	15	1.0%
10.0 to 19.9%	52	3.4%
5.0 to 9.9%	52	3.4%
1.0 to 4.9%	241	15.9%
less than 1.0%	1,132	74.5%

A second analysis showed that communities where African Americans of voting age were in the majority are significantly more likely to cast a straight party ballot than those where African Americans represent less than 50 percent of the voting-age population. In addition, the analysis of socioeconomic, housing and voting data for Michigan, clearly show that African Americans are worse off socioeconomically than white, non-Hispanics and that they register and vote at lower rates.

VII.   CONCLUSIONS AS TO THE GINGLES FACTORS

The analysis of socioeconomic, housing and voting data (Gingles factors) for Michigan clearly show that African Americans are worse off socioeconomically than white, non- Hispanics and that they register and vote at lower rates. These data demonstrate the results of long term

discrimination in housing, employment and educational opportunity, discussed at length in "The Origins of the Urban Crisis: Race and Inequality in Postwar Detroit," "Arc of Justice: A Saga of Race, Civil Rights, and Murder in the Jazz Age," "Managing Inequality: Northern Racial Liberalism in Interwar Detroit," and the recently released "The Color of Law: A Forgotten History of How Our Government Segregated America."

The following summarizes the findings across the measures used in the analysis.

- The poverty rate for African Americans in Michigan has been approximately 2 ^{1}/2 times that of the white, non-Hispanic population throughout the first six years of this decade.

- Median household income for white, non-Hispanics in Michigan has been approximately 1.8 times that of the African American population throughout the first six years of this decade.

- The per capita income ratio of white, non-Hispanics to African Americans in 2015 stood at 1.70 to 1, maintaining a gap that has been present throughout the decade.

- African Americans, of working age, in Michigan have consistently shown labor force participation rates approximately ten percentage points below that of white, non-Hispanics and unemployment rates more than twice as high.

- There is a significant educational attainment difference between white, non-Hispanics and African Americans in Michigan. The largest gaps appear at the extreme ends of the attainment continuum. African Americans are almost twice as likely to have not completed high school, while white, non-Hispanics are 1.7 times as likely to have obtained a Bachelor's degree.

- While great strides have been made in reducing the infant mortality rate, a significant gap has continued over the last 45 years in Michigan between African Americans and white, non- Hispanics. During the years since 2010 the gap has ranged between 2.3 and 2.8 to 1.

- African Americans in Michigan, regardless of age, are more likely to report a disability than are white, non-Hispanics.

- The most recent death rates by age show that African Americans in Michigan die at higher rates than white, non-Hispanics at all age levels until they reach "85 years and older." While the highest discrepancy occurs for infants, the ratio remains 1.5 to 1 or more until the age of 75. The shorter lifespan of African Americans accounts for the slight reversal at the older age cohorts.

- African Americans in Michigan have higher mortality rates than white, non-Hispanics across the majority of major diseases. The only areas in which they do better are 'chronic lower respiratory' and Alzheimer's. The latter is no doubt a product of their shorter lifespan. In addition, the African American homicide death rate is 14 times that of white, non-Hispanics, while white, non-Hispanics die from suicide at a rate 2½ times that of African Americans.

- African Americans are much more likely to move from year to year than white, non-Hispanics. In fact, their rate of movement has consistently run at least 1.5 times higher.

- Home ownership is a critical component of wealth and stability. Home owners tend to remain in place much longer than renters who tend to spend more of their income on housing and be much more mobile. White, non-Hispanic households in Michigan own their own homes at a rate 1.9 times that of African American households.

- The last factors under analysis were those of registration and voting. Data collected by the U.S. Census Bureau for Michigan show that, with the exception of President Obama's first campaign in 2008, African Americans have registered and voted at lower rates than white, non-Hispanics for each of the five even-year elections between 2008 and 2016.

VIII.   BIBLIOGRAPHY

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POVERTY

Table 1. Percent of Persons in Michigan, 18 Years and Older, in Poverty by Race, 2010 - 2015

	Number in Poverty		Percent in Poverty	
	White, NH	African American	White, NH	African American
2010	688,197	271,575	11.8%	28.3%
2011	707,247	303,293	12.1%	31.2%
2012	700,925	301,471	11.9%	31.0%
2013	703,723	289,545	12.0%	29.7%
2014	674,176	272,664	11.5%	28.0%
2015	647,069	273,252	11.0%	27.9%

Figure 1. Percent of Persons in Michigan, 18 Years and Older, in Poverty by Race, 2010 - 2015
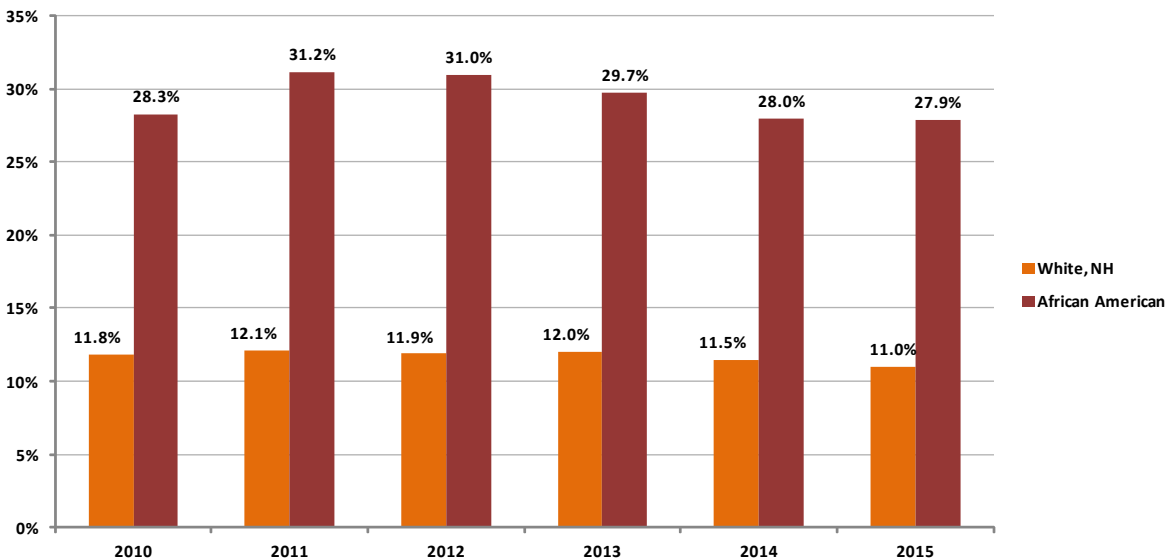
Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

An analysis of data from the U.S. Census Bureau's American Community Survey (ACS) shows that the poverty rate for African Americans in Michigan has been approximately 2 ½ times that of the White, non-Hispanic population throughout the first six years of this decade. The most recent year, 2015, brought a decrease to the number and percent of White, non-Hispanics in poverty, and an increase in the number of African Americans in poverty.

MEDIAN HOUSEHOLD INCOME

Table 2. Median Household Income in Michigan by Race, 2010 - 2015

	White, NH	African American
2010	$48,476	$28,718
2011	$50,112	$27,392
2012	$50,715	$27,986
2013	$51,982	$28,441
2014	$53,496	$29,697
2015	$55,083	$31,099

Figure 2. Median Household Income in Michigan by Race, 2010 - 2015

Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

An analysis of data from the U.S. Census Bureau's American Community Survey (ACS) shows that the median household income (in current dollars) for White, non-Hispanics in Michigan has been approximately 1.8 times that of the African American population throughout the first six years of this decade.

PER CAPITA INCOME

Table 3. Per Capita Income in Michigan by Race, 2010 - 2015

	White, NH	African American
2010	$25,834	$15,772
2011	$26,825	$15,689
2012	$27,579	$16,054
2013	$28,528	$16,949
2014	$29,384	$16,816
2015	$30,699	$18,008

Figure 3. Per Capita Income in Michigan by Race, 2010 - 2015
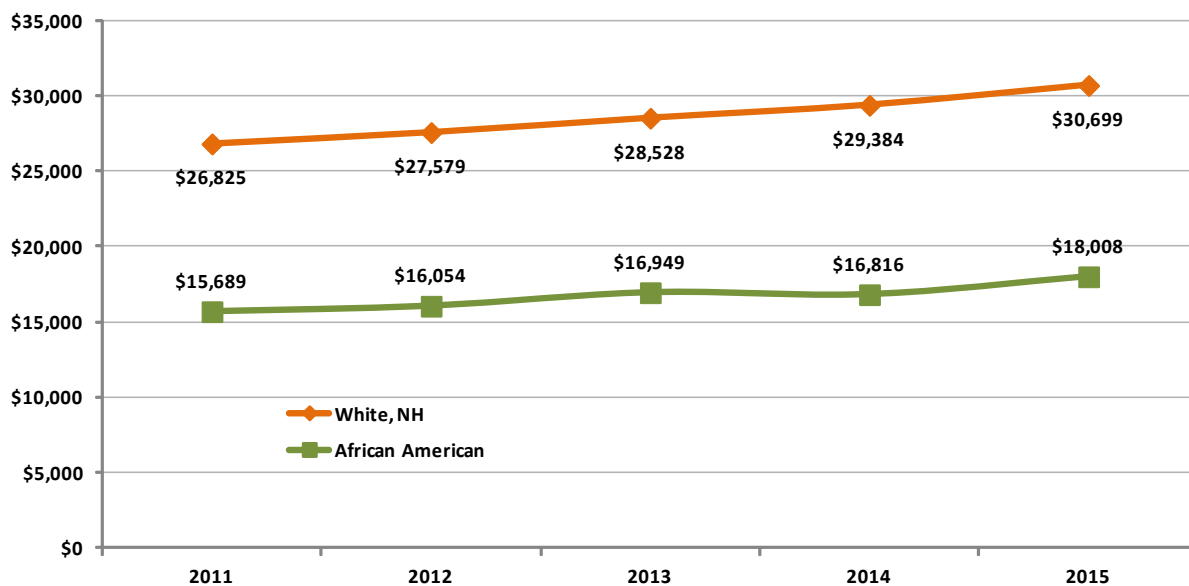
Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

An analysis of data from the U.S. Census Bureau's American Community Survey (ACS) shows that the per capita income (in current dollars) for White, non-Hispanics in Michigan has risen steadily between 2010 and 2015, while that of African Americans has shown little change until the most current year. Nevertheless, the per capita income ratio of White, non-Hispanics to African Americans has remained in the range of 1.6 to 1.7 to 1.

LABOR FORCE AND UNEMPLOYMENT

TABLE 4. Michigan's Labor Force, Employment and Unemployment Trends by Race, 2010 - 2016[1]

(numbers in '000s)

Year	Group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment	
			Number	Percent of population	Number	Percent of population	Number	Rate
2010	White	6,392	4,036	63.1	3,606	56.4	430	10.6
2011	White	6,365	3,890	61.1	3,540	55.6	350	9.0
2012	White	6,354	3,874	61.0	3,563	56.1	311	8.0
2013	White	6,376	3,891	61.0	3,602	56.5	289	7.4
2014	White	6,344	3,864	60.9	3,638	57.3	226	5.8
2015	White	6,436	3,948	61.3	3,772	58.6	176	4.5
2016	White	6,487	4,007	61.8	3,842	59.2	165	4.1
2010	African American	1,034	549	53.1	418	40.4	131	23.9
2011	African American	1,032	541	52.4	432	41.9	109	20.1
2012	African American	1,054	567	53.8	471	44.7	96	16.9
2013	African American	1,050	595	56.7	497	47.4	98	16.5
2014	African American	1,046	603	57.6	507	48.5	96	15.9
2015	African American	1,056	557	52.8	493	46.6	65	11.6
2016	African American	1,053	595	56.5	535	50.8	60	10.1

[1] Annual Averages

Figure 4. Michigan's Labor Force Participation Rate for Persons 16 Years and Over by Race, 2010 - 2016
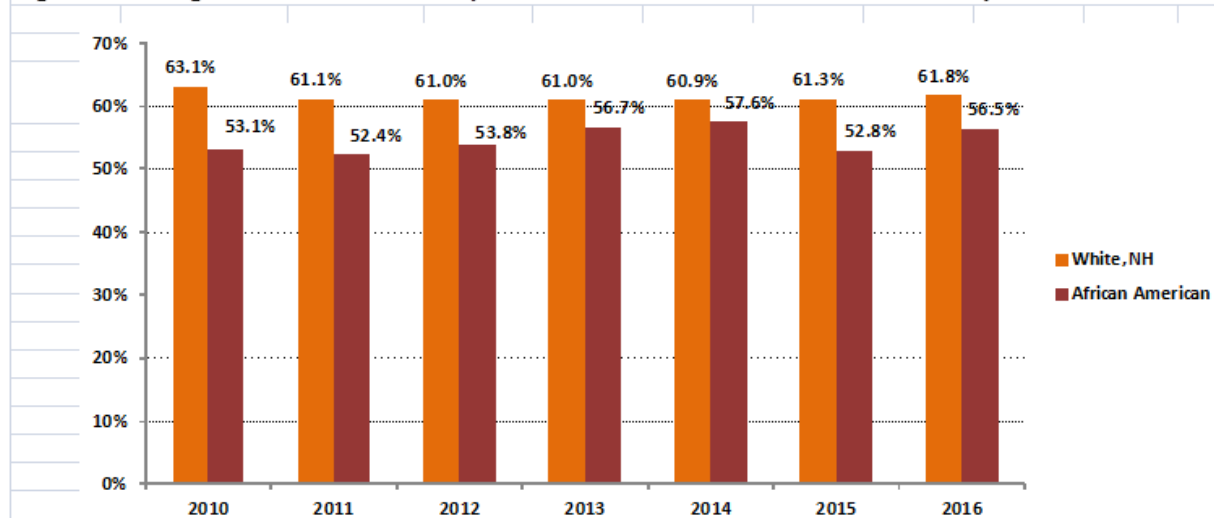
Figure 5. Michigan's Unemployment Rate for Persons 16 Years and Over by Race, 2010 - 2016
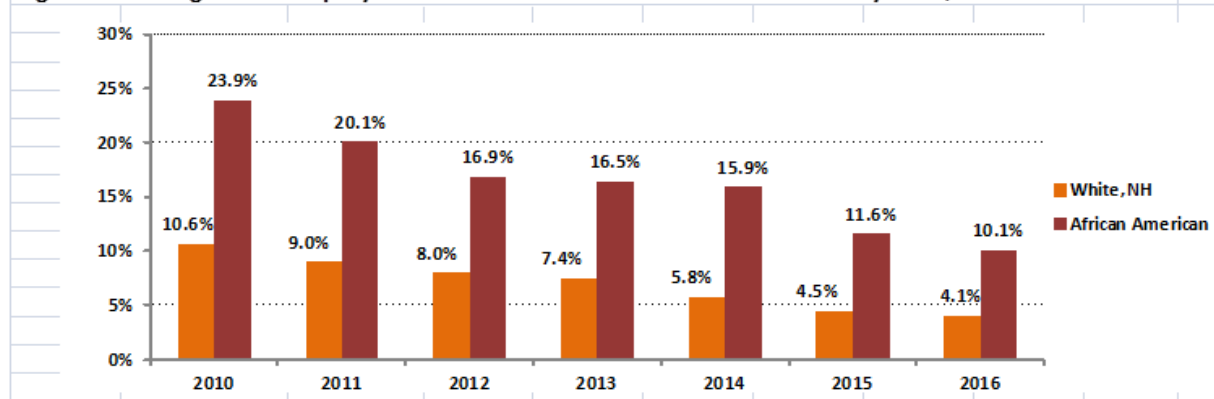
Source: Bureau of Labor Statistics, Current Population Survey

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The Bureau of Labor Statistics tracks annual rates of labor force participation, employment and unemployment through the Current Population Survey, conducted by the Census Bureau.   African Americans, of working age, in Michigan have consistently shown participation rates approximately 5 to 10 percentage points below that of White, non-Hispanics and unemployment rates more than twice as high.

EDUCATIONAL ATTAINMENT

Table 5. Educational Attainment in Michigan, for Persons 25 Years of Age and Older, by Race, 2015

	White, NH	African American
Less than high school	8.1%	15.2%
High School diploma/GED	30.0%	30.9%
Some college, no degree	23.4%	28.9%
Associate's degree	9.7%	8.0%
Bachelor's degree or higher	28.9%	17.0%

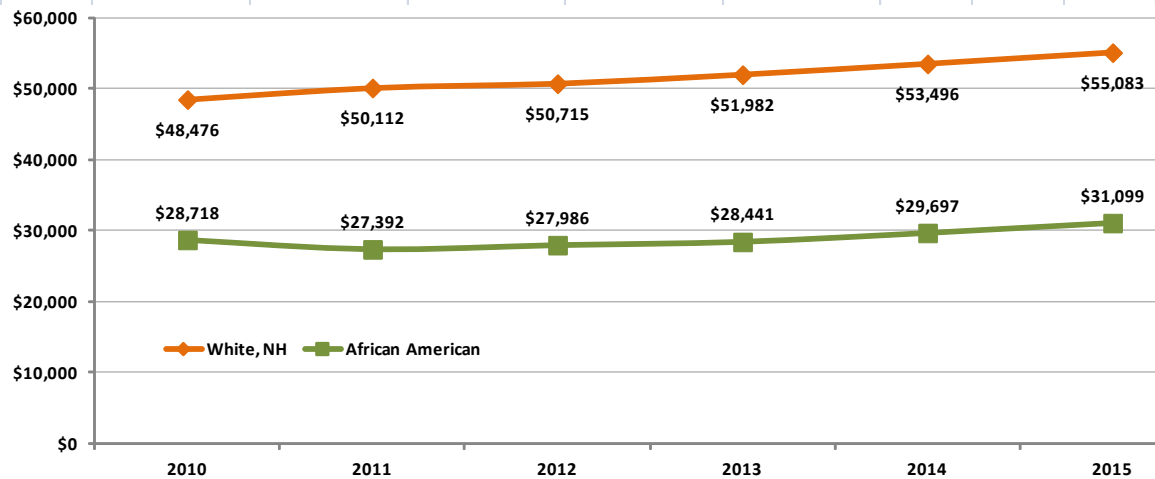**Figure 6. Educational Attainment, for Persons 25 Years of Age and Older, in Michigan by Race, 2015**
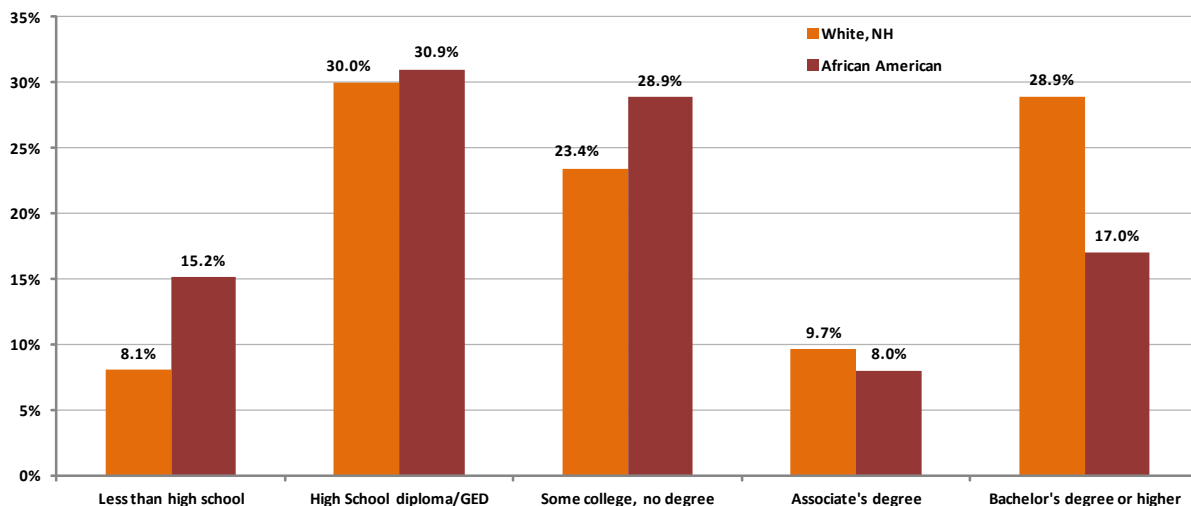
Source: Census Bureau: American Community Survey, 1-year sample, 2015

An analysis of data from the U.S. Census Bureau's American Community Survey (ACS) shows significant educational attainment differences between White, non-Hispanics and African Americans in Michigan. The data above document the highest level of education attained by persons 25 years of age and older. The largest gaps appear at the extreme ends of the attainment continuum. African Americans are almost twice as likely to have not completed high school, while white, non-Hispanics are 1.7 times as likely to have obtained a Bachelor's degree.

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INFANT MORTALITY

Table 6. Infant Mortality Rates in Michigan by Race, 1970 - 2015

	White	African American
1970	18.5	30.6
1980	10.4	24.8
1990	7.9	21.6
1995	6.2	17.3
2000	6.0	18.2
2001	6.1	16.9
2002	6.0	18.4
2003	6.7	17.5
2004	5.2	17.3
2005	5.5	17.9
2006	5.4	14.8
2007	5.8	16.5
2008	5.4	14.6
2009	5.4	15.5
2010	5.5	14.2
2011	4.9	13.7
2012	5.5	13.5
2013	5.7	13.1
2014	5.3	13.4
2015	5.0	14.3

Figure 7. Infant Mortality Rates in Michigan by Race, 1970 - 2015
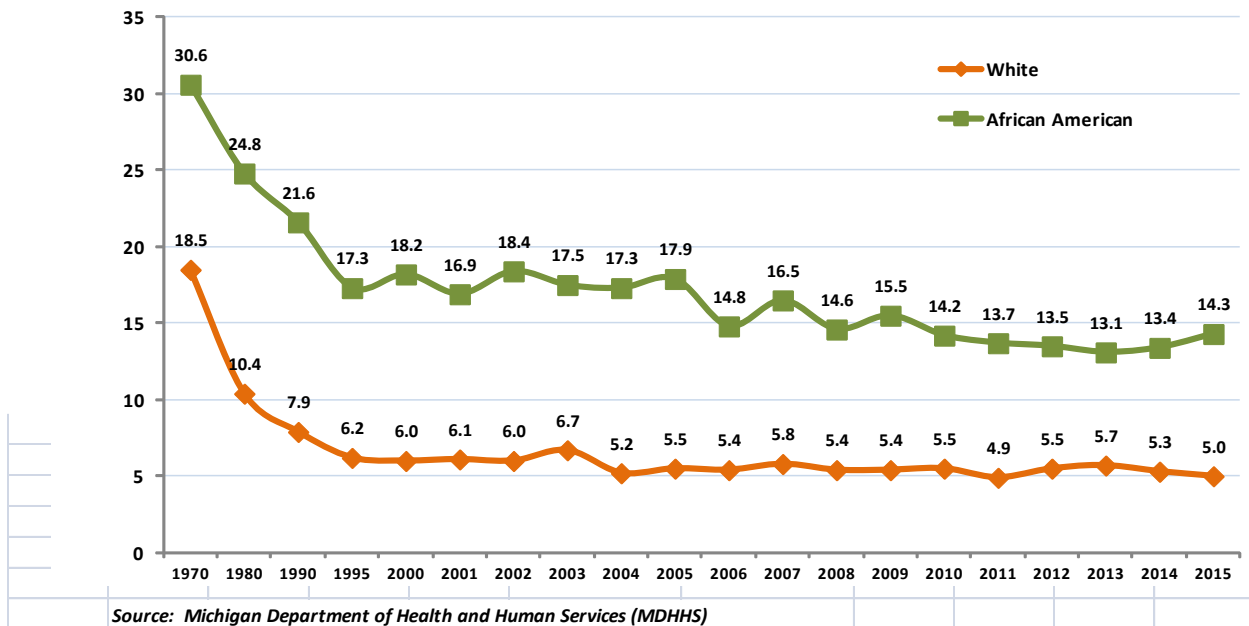
Source: Michigan Department of Health and Human Services (MDHHS)

While great strides have been made in reducing the infant mortality rate, a significant gap has continued over the last 45 years in Michigan between African Americans and White, non-Hispanics. The gap has

never been lower than 1.65 to 1 (1970) and reached a high point in 2004, at 3.32 to 1. During the years since 2010 the gap has ranged between 2.3 and 2.9 to 1.

DISABILITY

Table 7. Percent of Persons in Michigan Reporting a Disability, By Age and Race, 2010 - 2015

	18 -64 Years of Age		65 Years of Age +	
	White, NH	African American	White, NH	African American
2010	10.8%	17.8%	36.3%	46.0%
2011	11.5%	18.0%	35.9%	42.9%
2012	11.1%	18.2%	35.0%	44.5%
2013	11.7%	19.0%	35.7%	44.5%
2014	11.7%	18.4%	35.3%	42.3%
2015	11.7%	18.6%	34.4%	44.1%

Figure 8. Percent of Persons in Michigan Reporting a Disability, By Age and Race, 2010 - 2015
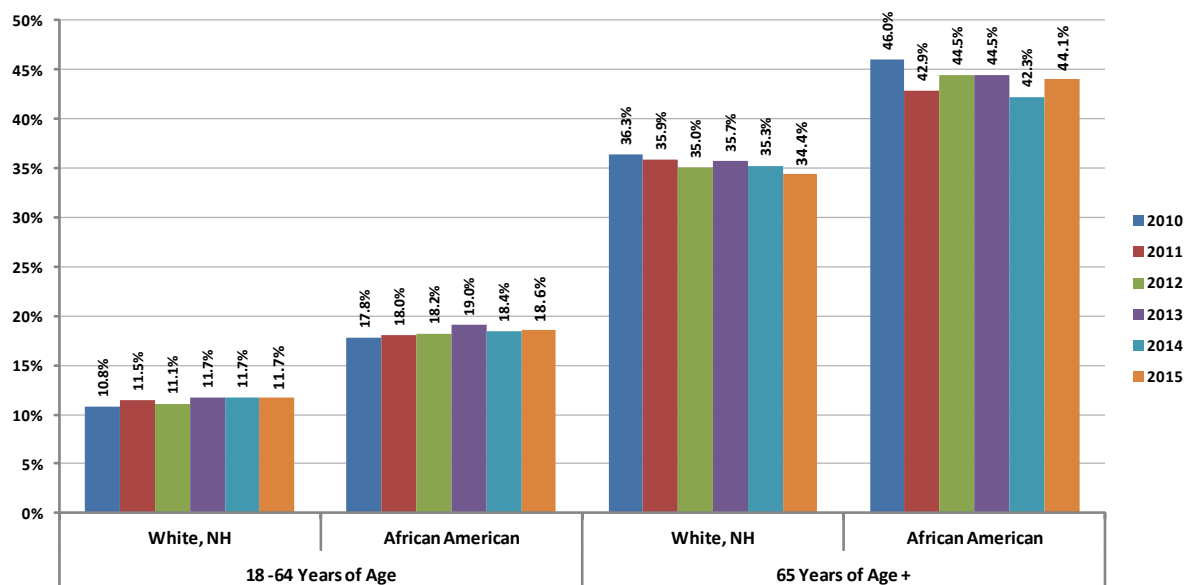
Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

The Census Bureau collects data on 'disability status" by asking a series of questions. These include the following:

- Is this person deaf of have serious difficulty hearing?
- Is this person blind or have serious difficulty seeing even when wearing glasses?
- Because of a physical, mental, or emotional condition, does this person have serious difficulty concentrating, remembering, or making decisions? Walking or climbing stairs? Dressing or Bathing?
- Because of a physical, mental, or emotional condition, does this person have difficulty doing errands alone such as visiting a doctor's office or shopping?

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Based on the responses to these questions, rates of reporting a disability are calculated. The data above show that African Americans in Michigan, regardless of age, are more likely to report a disability than are White, non-Hispanics.

AGE ADJUSTED DEATH RATES

Table 8. Age Adjusted Death Rates in Michigan by Age and Race, 2015

	White	African American
Under 1	489.7	1,310.3
1-14 years	14.8	30.4
15-24 years	60.5	117.2
25-34 years	129.5	193.8
35-44 years	185.2	329.5
45-54 years	389.3	685.1
55-64 years	821.2	1,550.4
65-74 years	1,798.3	2,662.0
75-84 years	4,752.2	5,337.7
85 years and over	14,507.3	12,404.1

Source: Michigan Department of Health and Human Services (MDHHS)

The most recent death rates by age show that African Americans in Michigan die at much higher rates than White, non-Hispanics at all age levels until they reach "85 years and older." While the highest discrepancy occurs for infants, the ratio remains 1.5 to 1 or more until the age of 75. The shorter lifespan of African Americans accounts for the slight reversal at the older age cohorts.

MORTALITY RATES BY CAUSE

Table 9. Age Adjusted Mortality Rates in Michigan by Cause and Race, 2015

	White	African American
All Causes	**747.1**	**955.7**
Homicide	2.1	28.6
Cancer	162.2	189.2
Chronic Lower Respiratory	48.0	36.2
Stroke	34.9	50.7
Alzheimer's Disease	30.3	25.2
Diabetes Melitus	63.0	106.7
Kidney Disease	13.5	30.2
Suicide	15.1	6.1

Source: Michigan Department of Health and Human Services (MDHHS)

African Americans in Michigan have higher mortality rates than White, non-Hispanics across the majority of major diseases. The only areas in which they do better are 'chronic lower respiratory' and Alzheimer's. The latter is no doubt a product of their shorter lifespan. Homicide and suicide rates have been added to this list in order to illustrate the vast difference between races. African Americans are 14 times more likely to die as a result of homicide, while Whites die from suicide 2 ½ times the rate of African Americans.

MOBILITY

Table 10. Percent of Households in Michigan Who Changed Residence Within the Last Year by Race, 2010 - 2015

	White, NH	African American
2010	12.7%	22.0%
2011	12.9%	20.3%
2012	13.2%	20.3%
2013	13.6%	20.4%
2014	13.3%	19.8%
2015	13.0%	19.0%

Figure 9. Percent of Households in Michigan Who Changed Residence Within the Last Year by Race, 2010 - 2015
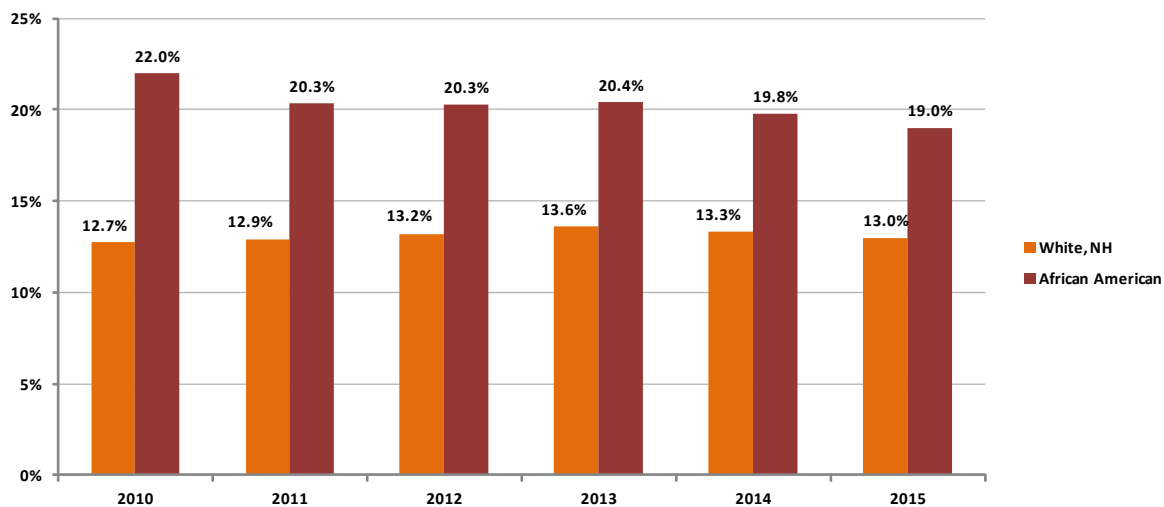
Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

The U.S. Census Bureau's American Community Survey (ACS) asks respondents to indicate where they were living one year prior to completing their questionnaire. The data for Michigan show that African Americans are much more likely to move from year to year than White, non-Hispanics. Such a trend is highly correlated with the fact that the majority of African Americans are renters. Due to lower incomes and high rents, a large share of African Americans have highly unaffordable housing costs (accounting for more than half of monthly income), leading to a more frequent necessity to move. In fact, even though African Americans experienced a larger decrease than Whites in 2015, their rate of movement continues to run about 1.5 times higher.

TENURE

Table 11. Percent of Households in Michigan Who Own Their Home by Race, 2010 - 2015

	White, NH	African American
2010	78.4%	46.2%
2011	77.5%	44.2%
2012	77.1%	42.8%
2013	76.5%	42.6%
2014	76.4%	40.7%
2015	76.8%	40.8%

Figure 10. Percent of Households in Michigan Who Own Their Home by Race, 2010 - 2015
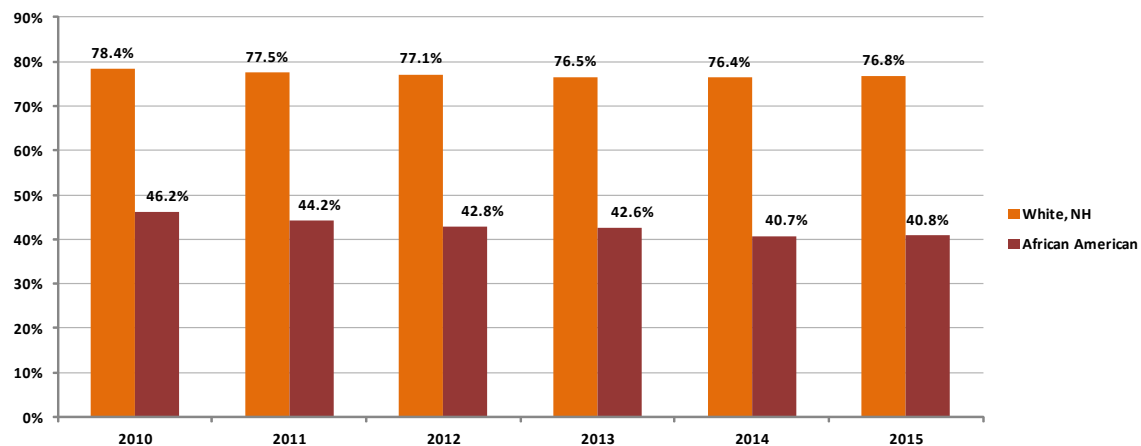
Source: Census Bureau: American Community Survey, 1-year sample, 2010 - 2015

Home ownership is a critical component of wealth and stability. Home owners tend to remain in place much longer than renters who tend to spend more of their income on housing and be much more mobile. The previous chart showed that African Americans in Michigan have a higher rate of mobility than White, non-Hispanics. The data on home ownership clearly shows the wide gap that exists between the races. While there have been slight decreases in the rate for both groups over this decade (2010-2014), the gap has actually grown, even with the slight uptick for both in 2015. The 2015 gap of 1.88 to 1, in favor of White, non-Hispanics, is the highest of the decade.

REGISTRATION AND VOTING

Table 12. Percent of Persons 18 Years and Older in Michigan Who Registered and Voted, by Race, 2008 - 2016

	Total Population	Total Citizen Population	Registered			Total Voted		
			Total Registered	Percent registered (Total 18+)	Percent registered (Citizen 18+)	Total Voted	Percent voted (Total 18+)	Percent voted (Citizen 18+)
2008								
White non-Hispanic	6,005	5,874	4,557	75.9	77.6	3,995	66.5	68.0
African American	968	956	738	76.3	77.2	679	70.2	71.1
2010								
White non-Hispanic	5,929	5,800	4,281	72.2	73.8	2,817	47.5	48.6
African American	997	974	598	60.0	61.4	407	40.8	41.8
2012								
White non-Hispanic	5,918	5,816	4,629	78.2	79.6	3,951	66.8	67.9
African American	1,028	991	687	66.8	69.3	627	61.0	63.3
2014								
White non-Hispanic	5,836	5,720	4,128	70.7	72.2	2,808	48.1	49.1
African American	979	965	685	70.0	71.0	438	44.8	45.4
2016								
White non-Hispanic	6,006	5,890	4,498	74.9	76.4	3,914	65.2	66.5
African American	1,039	1,020	708	68.1	69.4	623	59.9	61.0

Figure 11. Percent of Citizens 18 Years and Older in Michigan Who Registered, by Race, 2008 - 2016
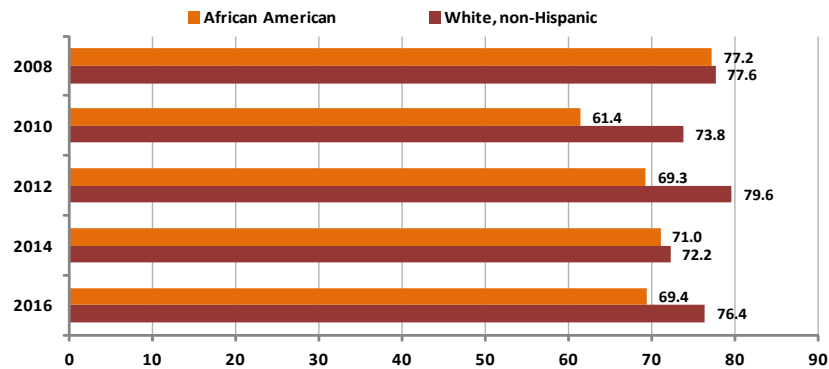
Figure 12. Percent of Citizens 18 Years and Older in Michigan Who Voted, by Race, 2008 - 2016
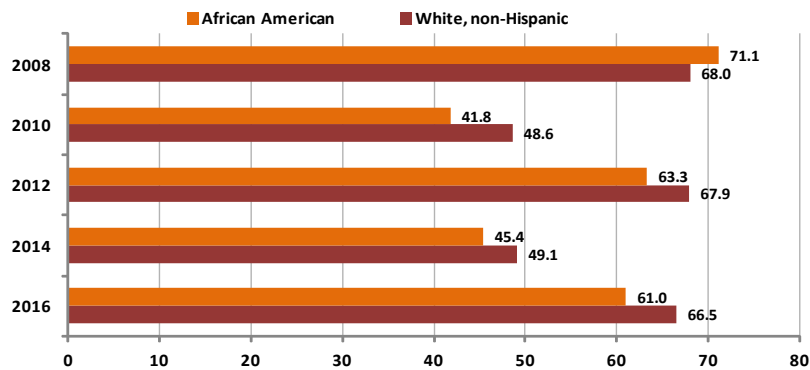
Source: U.S. Census Bureau, Current Population Survey, November 2008, 2010, 2012, 2014 and 2016

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The Census Bureau includes a voting and registration supplement to their November Current Population Survey in even numbered years. The data for Michigan show that, with the exception of President Obama's first campaign in 2008, African Americans in Michigan have registered and voted at lower rates than White, non-Hispanics between 2008 and 2016.

RACIALLY POLARIZED VOTING

According to the Pew Research Center (http://www.people-press.org/2016/09/13/2-party-affiliation-among-voters-1992-2016/), "There are wide differences in partisan affiliation between white, black and Hispanic registered voters. Partisan differences between these groups have been relatively stable in recent years, but are wider than they were in 2008 – a relative high point in Democratic affiliation – when white voters were less Republican in their partisan orientation than today. Trends in party affiliation among black voters have been largely stable over recent years. Overall, 87% of black voters identify with the Democratic Party or lean Democratic, compared with just 7% who identify as Republican or lean Republican.

According to the Joint Center for Political and Economic Studies, (http://jointcenter.org/sites/default/files/VRA%20report%2C%208.5.15%20%28540%20pm%29%28updated%29.pdf, " party politics is increasingly polarized by race. Since1960, the party identification and partisan voting patterns of blacks and whites have become sharply divided. Race is the most significant factor in urban local elections. Race is a more decisive factor than income, education, religion, sexual orientation, age, gender, and political ideology."

When the Pew Research Center looked specifically at "party affiliation' in Michigan in 2014 (www.pewforum.org/religious-landscape-study/state/michigan/part-affiliation/), it found that 81 percent of African American voters identified as Democrats.

A review of the 2016 Michigan straight party vote results show an extremely strong connection between a community's straight party Democrat votes and share of the population that is African American. Dividing the communities at the 40 percent or more African American value, resulted in the following straight party shares. Communities where African Americans accounted for less than 40 percent of their voting age population went 53.3 percent Republican. Communities with African American shares of 40 percent or more went 94.8 percent for Democrats.

I declare under penalty of perjury under the laws of the United States that the forgoing is true and correct to the best of my knowledge.

DATED this __5th__ day of July, 2017

_____

Kurt R. Metzger

Appendix A

COUNTY CODE	JURISDICTION	Pct Straight - 2016	Pct Straight - 2014	Pct Straight - 2012	Percent Black	Percent Minority	Percent White, non-Hispanic
01	ALCONA TOWNSHIP	52.4%	57.9%	NA	0.0%	1.5%	98.5%
01	CALEDONIA TOWNSHIP	48.2%	56.0%	NA	0.0%	1.9%	98.1%
01	CURTIS TOWNSHIP	45.9%	52.2%	NA	0.1%	2.5%	97.5%
01	GREENBUSH TOWNSHIP	52.9%	57.8%	NA	0.1%	1.7%	98.3%
01	GUSTIN TOWNSHIP	46.9%	46.2%	NA	0.0%	2.3%	97.7%
01	HARRISVILLE CITY	39.2%	58.6%	NA	0.5%	4.4%	95.6%
01	HARRISVILLE TOWNSHIP	43.3%	47.7%	NA	0.1%	2.9%	97.1%
01	HAWES TOWNSHIP	47.4%	50.0%	NA	0.0%	2.1%	97.9%
01	HAYNES TOWNSHIP	47.1%	55.7%	NA	0.2%	2.4%	97.6%
01	MIKADO TOWNSHIP	47.0%	49.8%	NA	0.1%	2.6%	97.4%
01	MILLEN TOWNSHIP	48.2%	57.6%	NA	0.0%	4.1%	95.9%
01	MITCHELL TOWNSHIP	57.1%	57.6%	NA	0.3%	2.2%	97.8%
02	AU TRAIN TOWNSHIP	33.5%	45.1%	34.9%	0.2%	8.2%	91.8%
02	BURT TOWNSHIP	27.5%	47.6%	21.9%	0.4%	4.2%	95.8%
02	GRAND ISLAND TOWNSHIP	23.1%	44.0%	15.4%	0.0%	11.8%	88.2%
02	LIMESTONE TOWNSHIP	42.0%	49.4%	48.5%	0.0%	2.6%	97.4%
02	MATHIAS TOWNSHIP	46.7%	53.3%	51.4%	0.0%	4.3%	95.7%
02	MUNISING CITY	44.4%	51.7%	43.8%	0.2%	7.7%	92.3%
02	MUNISING TOWNSHIP	35.9%	43.3%	39.2%	23.4%	31.0%	69.0%
02	ONOTA TOWNSHIP	29.2%	41.8%	34.4%	0.0%	4.1%	95.9%
02	ROCK RIVER TOWNSHIP	43.0%	43.5%	44.9%	0.3%	3.9%	96.1%
03	ALLEGAN CITY	46.8%	42.8%	41.9%	4.2%	9.6%	90.4%
03	ALLEGAN TOWNSHIP	45.9%	44.4%	40.6%	1.0%	3.9%	96.1%
03	CASCO TOWNSHIP	47.1%	49.8%	46.1%	2.6%	10.8%	89.2%
03	CHESHIRE TOWNSHIP	47.5%	47.4%	31.6%	2.9%	7.6%	92.4%
03	CLYDE TOWNSHIP	58.3%	52.9%	52.7%	2.0%	31.6%	68.4%
03	DORR TOWNSHIP	45.6%	49.2%	43.8%	0.4%	3.3%	96.7%
03	VILLAGE OF DOUGLAS CITY	48.6%	56.0%	45.6%	0.6%	4.6%	95.4%
03	FENNVILLE CITY	56.8%	55.1%	53.0%	1.2%	36.0%	64.0%
03	FILLMORE TOWNSHIP	66.9%	75.5%	70.4%	0.4%	8.6%	91.4%
03	GANGES TOWNSHIP	50.9%	54.0%	50.1%	0.2%	14.1%	85.9%
03	GUNPLAIN TOWNSHIP	45.5%	45.9%	45.1%	0.8%	3.9%	96.1%
03	HEATH TOWNSHIP	59.9%	57.7%	53.1%	0.1%	3.1%	96.9%
03	HOLLAND CITY	57.2%	55.6%	58.7%	2.6%	21.2%	78.8%
03	HOPKINS TOWNSHIP	38.5%	48.6%	49.6%	0.2%	3.0%	97.0%
03	LAKETOWN TOWNSHIP	56.2%	64.9%	61.0%	0.4%	5.4%	94.6%
03	LEE TOWNSHIP	52.1%	57.8%	48.5%	5.0%	30.9%	69.1%
03	LEIGHTON TOWNSHIP	60.9%	64.6%	63.1%	0.3%	4.3%	95.7%
03	MANLIUS TOWNSHIP	50.5%	57.1%	48.9%	0.2%	9.1%	90.9%
03	MARTIN TOWNSHIP	55.2%	49.7%	55.2%	0.4%	5.4%	94.6%
03	MONTEREY TOWNSHIP	50.9%	50.8%	45.0%	0.5%	5.6%	94.4%
03	OTSEGO CITY	42.8%	50.8%	46.0%	0.6%	4.6%	95.4%
03	OTSEGO TOWNSHIP	44.2%	41.1%	42.7%	0.5%	4.5%	95.5%
03	OVERISEL TOWNSHIP	62.1%	64.0%	60.0%	0.0%	3.8%	96.2%
03	PLAINWELL CITY	45.2%	44.5%	46.5%	0.7%	3.9%	96.1%
03	SALEM TOWNSHIP	55.8%	58.6%	55.6%	0.1%	3.1%	96.9%
03	SAUGATUCK CITY	41.4%	44.0%	41.1%	0.4%	4.8%	95.2%
03	SAUGATUCK TOWNSHIP	43.5%	50.9%	39.6%	0.3%	5.2%	94.8%

03	TROWBRIDGE TOWNSHIP	53.0%	51.9%	48.8%	0.7%	3.7%	96.3%
03	VALLEY TOWNSHIP	49.9%	46.5%	44.0%	0.7%	5.2%	94.8%
03	WATSON TOWNSHIP	38.0%	45.0%	39.5%	0.2%	2.6%	97.4%
03	WAYLAND CITY	49.7%	46.8%	45.6%	0.3%	5.0%	95.0%
03	WAYLAND TOWNSHIP	49.9%	50.4%	50.5%	0.2%	4.6%	95.4%
04	ALPENA CITY	42.6%	46.4%	42.3%	0.4%	3.1%	96.9%
04	ALPENA TOWNSHIP	40.2%	45.3%	40.7%	0.1%	2.5%	97.5%
04	GREEN TOWNSHIP	46.5%	46.1%	46.4%	0.1%	2.8%	97.2%
04	LONG RAPIDS TOWNSHIP	36.5%	47.5%	39.9%	0.1%	1.6%	98.4%
04	MAPLE RIDGE TOWNSHIP	44.0%	44.5%	37.7%	0.2%	2.0%	98.0%
04	OSSINEKE TOWNSHIP	46.9%	49.6%	47.0%	0.2%	1.8%	98.2%
04	SANBORN TOWNSHIP	43.2%	45.2%	38.7%	0.1%	1.9%	98.1%
04	WELLINGTON TOWNSHIP	42.5%	48.9%	43.9%	0.0%	1.7%	98.3%
04	WILSON TOWNSHIP	43.3%	49.6%	37.1%	0.2%	1.7%	98.3%
05	BANKS TOWNSHIP	50.3%	NA	48.7%	0.1%	4.7%	95.3%
05	CENTRAL LAKE TOWNSHIP	43.7%	NA	38.5%	0.0%	2.5%	97.5%
05	CHESTONIA TOWNSHIP	51.0%	NA	46.8%	0.2%	3.4%	96.6%
05	CUSTER TOWNSHIP	48.3%	NA	44.9%	0.2%	3.5%	96.5%
05	ECHO TOWNSHIP	42.7%	NA	48.9%	0.1%	3.7%	96.3%
05	ELK RAPIDS TOWNSHIP	49.8%	NA	NA	0.3%	3.4%	96.6%
05	FOREST HOME TOWNSHIP	47.3%	NA	48.2%	0.0%	1.8%	98.2%
05	HELENA TOWNSHIP	46.2%	NA	30.0%	0.0%	1.7%	98.3%
05	JORDAN TOWNSHIP	42.1%	NA	43.5%	0.0%	2.9%	97.1%
05	KEARNEY TOWNSHIP	44.1%	NA	51.9%	0.1%	3.1%	96.9%
05	MANCELONA TOWNSHIP	49.0%	NA	48.0%	0.2%	3.8%	96.2%
05	MILTON TOWNSHIP	51.0%	NA	47.1%	0.1%	5.3%	94.7%
05	STAR TOWNSHIP	43.8%	NA	43.5%	0.0%	3.8%	96.3%
05	TORCH LAKE TOWNSHIP	55.1%	NA	49.8%	0.0%	3.0%	97.0%
05	WARNER TOWNSHIP	45.9%	NA	NA	0.0%	2.4%	97.6%
06	ADAMS TOWNSHIP	36.1%	37.2%	28.9%	0.0%	2.7%	97.3%
06	ARENAC TOWNSHIP	32.3%	34.8%	30.4%	0.3%	2.8%	97.2%
06	AU GRES CITY	39.6%	45.8%	41.8%	0.0%	3.4%	96.6%
06	AU GRES TOWNSHIP	35.7%	37.6%	28.6%	0.3%	2.3%	97.7%
06	CLAYTON TOWNSHIP	36.7%	37.1%	38.2%	0.0%	2.5%	97.5%
06	DEEP RIVER TOWNSHIP	33.8%	38.2%	26.7%	0.2%	3.7%	96.3%
06	LINCOLN TOWNSHIP	32.4%	33.2%	28.7%	0.0%	4.2%	95.8%
06	MASON TOWNSHIP	38.0%	40.1%	32.2%	0.0%	3.6%	96.4%
06	MOFFATT TOWNSHIP	39.5%	45.5%	42.4%	0.0%	2.6%	97.4%
06	OMER CITY	41.5%	28.7%	40.7%	0.4%	3.7%	96.3%
06	SIMS TOWNSHIP	43.2%	47.3%	37.5%	0.2%	3.6%	96.4%
06	STANDISH CITY	37.3%	39.0%	NA	0.4%	4.8%	95.2%
06	STANDISH TOWNSHIP	36.3%	36.9%	30.7%	0.1%	4.1%	95.9%
06	TURNER TOWNSHIP	37.1%	41.4%	33.8%	0.0%	2.9%	97.1%
06	WHITNEY TOWNSHIP	33.8%	44.0%	27.1%	0.1%	2.4%	97.6%
07	ARVON TOWNSHIP	34.9%	38.2%	37.1%	0.0%	4.0%	96.0%
07	BARAGA TOWNSHIP	41.9%	46.1%	41.9%	19.6%	37.3%	62.7%
07	COVINGTON TOWNSHIP	36.9%	46.6%	44.6%	0.2%	3.7%	96.3%
07	LANSE TOWNSHIP	38.0%	41.4%	34.4%	0.8%	16.0%	84.0%
07	SPURR TOWNSHIP	40.7%	45.0%	38.4%	0.4%	6.1%	93.9%
08	ASSYRIA TOWNSHIP	51.0%	49.0%	43.0%	0.3%	3.2%	96.8%
08	BALTIMORE TOWNSHIP	53.5%	41.5%	39.3%	0.1%	2.6%	97.4%
08	BARRY TOWNSHIP	46.7%	49.2%	48.8%	0.2%	2.9%	97.1%

08	CARLTON TOWNSHIP	45.1%	46.1%	44.4%	0.3%	4.2%	95.8%
08	CASTLETON TOWNSHIP	50.0%	46.3%	49.7%	0.1%	3.7%	96.3%
08	HASTINGS CITY	44.8%	45.1%	43.5%	0.5%	4.2%	95.8%
08	HASTINGS TOWNSHIP	43.3%	43.5%	44.3%	0.0%	2.0%	98.0%
08	HOPE TOWNSHIP	46.1%	49.1%	47.6%	0.4%	3.1%	96.9%
08	IRVING TOWNSHIP	50.0%	46.1%	46.8%	0.1%	2.5%	97.5%
08	JOHNSTOWN TOWNSHIP	50.3%	48.9%	37.0%	0.3%	3.2%	96.8%
08	MAPLE GROVE TOWNSHIP	49.9%	50.3%	51.4%	0.1%	1.6%	98.4%
08	ORANGEVILLE TOWNSHIP	48.8%	49.5%	45.9%	0.3%	5.6%	94.4%
08	PRAIRIEVILLE TOWNSHIP	49.0%	48.6%	46.6%	1.3%	4.8%	95.2%
08	RUTLAND TOWNSHIP	44.5%	46.6%	46.0%	0.0%	3.0%	97.0%
08	THORNAPPLE TOWNSHIP	52.1%	51.1%	51.4%	0.3%	3.7%	96.3%
08	WOODLAND TOWNSHIP	47.7%	49.1%	55.7%	0.1%	3.7%	96.3%
08	YANKEE SPRINGS TOWNSHIP	54.1%	54.4%	50.6%	0.2%	2.8%	97.2%
09	AUBURN CITY	34.8%	36.4%	36.4%	0.4%	3.1%	96.9%
09	BANGOR TOWNSHIP	35.4%	40.7%	34.1%	0.7%	5.3%	94.7%
09	BAY CITY CITY	42.3%	42.2%	39.7%	2.9%	12.0%	88.0%
09	BEAVER TOWNSHIP	30.8%	38.4%	33.2%	0.0%	2.5%	97.5%
09	ESSEXVILLE CITY	34.8%	36.0%	33.0%	0.7%	5.1%	94.9%
09	FRANKENLUST TOWNSHIP	39.6%	43.2%	34.6%	1.6%	6.6%	93.4%
09	FRASER TOWNSHIP	36.0%	44.7%	36.5%	0.2%	3.1%	96.9%
09	GARFIELD TOWNSHIP	29.3%	41.5%	34.2%	0.2%	3.5%	96.5%
09	GIBSON TOWNSHIP	38.1%	44.7%	39.9%	0.1%	2.0%	98.0%
09	HAMPTON TOWNSHIP	37.0%	38.4%	33.8%	1.3%	6.0%	94.0%
09	KAWKAWLIN TOWNSHIP	34.5%	36.9%	34.5%	0.2%	3.6%	96.4%
09	MERRITT TOWNSHIP	27.5%	34.9%	24.3%	0.1%	4.0%	96.0%
09	MIDLAND CITY	55.0%	56.3%	53.6%	0.0%	2.3%	97.7%
09	MONITOR TOWNSHIP	32.9%	38.2%	32.0%	0.3%	3.6%	96.4%
09	MOUNT FOREST TOWNSHIP	40.8%	51.0%	43.5%	0.1%	3.4%	96.6%
09	PINCONNING CITY	40.5%	46.9%	44.0%	0.5%	5.4%	94.6%
09	PINCONNING TOWNSHIP	37.1%	38.2%	36.2%	0.1%	3.9%	96.1%
09	PORTSMOUTH TOWNSHIP	34.0%	36.1%	30.1%	0.5%	4.3%	95.7%
09	WILLIAMS TOWNSHIP	30.3%	36.5%	32.4%	0.3%	3.3%	96.7%
10	ALMIRA TOWNSHIP	45.0%	50.3%	NA	0.1%	2.8%	97.2%
10	BLAINE TOWNSHIP	43.2%	46.4%	NA	0.5%	7.0%	93.0%
10	CRYSTAL LAKE TOWNSHIP	46.1%	52.2%	NA	0.0%	2.3%	97.7%
10	FRANKFORT CITY	46.5%	48.0%	NA	0.6%	5.4%	94.6%
10	GILMORE TOWNSHIP	47.0%	52.1%	NA	0.3%	5.4%	94.6%
10	HOMESTEAD TOWNSHIP	44.7%	50.3%	NA	0.6%	4.5%	95.5%
10	INLAND TOWNSHIP	46.8%	48.4%	NA	0.2%	3.4%	96.6%
10	JOYFIELD TOWNSHIP	48.7%	43.1%	NA	0.8%	4.7%	95.3%
10	LAKE TOWNSHIP	43.8%	51.7%	NA	0.0%	2.4%	97.6%
10	PLATTE TOWNSHIP	32.0%	38.7%	NA	0.0%	3.0%	97.0%
10	WELDON TOWNSHIP	47.0%	48.4%	NA	0.0%	3.5%	96.5%
11	BAINBRIDGE TOWNSHIP	57.8%	63.4%	NA	0.5%	8.4%	91.6%
11	BARODA TOWNSHIP	48.6%	52.9%	NA	0.6%	5.8%	94.2%
11	BENTON CHARTER TOWNSHIP	69.0%	73.3%	NA	46.7%	53.9%	46.1%
11	BENTON HARBOR CITY	86.1%	86.5%	NA	87.5%	91.5%	8.5%
11	BERRIEN TOWNSHIP	53.3%	64.2%	NA	5.8%	17.1%	82.9%
11	BERTRAND TOWNSHIP	49.2%	48.0%	NA	0.8%	3.5%	96.5%
11	BRIDGMAN CITY	46.3%	57.4%	NA	1.2%	6.6%	93.4%
11	BUCHANAN CITY	54.7%	56.6%	NA	7.9%	13.4%	86.6%

11	BUCHANAN TOWNSHIP	54.9%	60.1%	NA	1.9%	5.0%	95.0%
11	CHIKAMING TOWNSHIP	38.6%	56.2%	NA	2.0%	5.2%	94.8%
11	COLOMA CITY	50.1%	52.4%	NA	1.5%	7.0%	93.0%
11	COLOMA CHARTER TOWNSHIP	51.3%	54.3%	NA	0.8%	5.8%	94.2%
11	GALIEN TOWNSHIP	45.8%	54.6%	NA	0.6%	3.5%	96.5%
11	HAGAR TOWNSHIP	49.6%	55.8%	NA	2.9%	7.2%	92.8%
11	LAKE CHARTER TOWNSHIP	48.3%	59.7%	NA	0.5%	3.5%	96.5%
11	LINCOLN CHARTER TOWNSHIP	44.9%	52.2%	NA	1.9%	7.5%	92.5%
11	NEW BUFFALO CITY	43.8%	48.9%	NA	1.7%	7.1%	92.9%
11	NEW BUFFALO TOWNSHIP	41.4%	51.6%	NA	1.7%	5.4%	94.6%
11	NILES CITY	50.0%	58.1%	NA	12.0%	19.2%	80.8%
11	NILES CHARTER TOWNSHIP	52.4%	59.2%	NA	3.3%	9.5%	90.5%
11	ORONOKO CHARTER TOWNSHIP	53.6%	59.3%	NA	17.5%	40.1%	59.9%
11	PIPESTONE TOWNSHIP	54.7%	59.5%	NA	3.5%	11.4%	88.6%
11	ROYALTON TOWNSHIP	46.1%	59.1%	NA	2.7%	10.5%	89.5%
11	ST JOSEPH CITY	45.5%	54.5%	NA	5.4%	12.4%	87.6%
11	ST JOSEPH CHARTER TOWNSHIP	49.8%	58.6%	NA	12.2%	17.7%	82.3%
11	SODUS TOWNSHIP	55.0%	57.8%	NA	8.3%	16.2%	83.8%
11	THREE OAKS TOWNSHIP	42.6%	45.6%	NA	1.2%	4.9%	95.1%
11	WATERVLIET CITY	56.2%	59.0%	NA	0.9%	6.1%	93.9%
11	WATERVLIET CHARTER TOWNSHIP	53.2%	58.0%	NA	1.9%	8.0%	92.0%
11	WEESAW TOWNSHIP	46.2%	49.9%	NA	0.5%	5.0%	95.0%
12	ALGANSEE TOWNSHIP	51.2%	56.8%	NA	0.3%	2.1%	97.9%
12	BATAVIA TOWNSHIP	54.7%	48.9%	NA	0.3%	3.9%	96.1%
12	BETHEL TOWNSHIP	47.2%	46.9%	NA	2.0%	9.6%	90.4%
12	BRONSON CITY	52.9%	53.8%	NA	0.6%	13.3%	86.7%
12	BRONSON TOWNSHIP	54.9%	53.8%	NA	0.6%	6.5%	93.5%
12	BUTLER TOWNSHIP	41.4%	45.2%	NA	0.0%	1.5%	98.5%
12	CALIFORNIA TOWNSHIP	56.6%	55.6%	NA	0.0%	2.1%	97.9%
12	COLDWATER CITY	50.5%	44.9%	NA	0.5%	7.9%	92.1%
12	COLDWATER TOWNSHIP	49.7%	50.4%	NA	21.9%	25.5%	74.5%
12	GILEAD TOWNSHIP	54.5%	58.5%	NA	0.2%	2.4%	97.6%
12	GIRARD TOWNSHIP	43.1%	46.4%	NA	0.2%	3.2%	96.8%
12	KINDERHOOK TOWNSHIP	53.9%	56.2%	NA	0.1%	3.3%	96.7%
12	MATTESON TOWNSHIP	50.3%	58.3%	NA	0.3%	3.5%	96.5%
12	NOBLE TOWNSHIP	68.5%	71.2%	NA	0.5%	4.7%	95.3%
12	OVID TOWNSHIP	51.9%	51.7%	NA	0.3%	1.4%	98.6%
12	QUINCY TOWNSHIP	51.7%	56.6%	NA	0.2%	2.7%	97.3%
12	SHERWOOD TOWNSHIP	52.3%	48.5%	NA	0.2%	2.6%	97.4%
13	ALBION CITY	59.2%	58.6%	58.4%	26.5%	34.7%	65.3%
13	ALBION TOWNSHIP	38.5%	39.2%	38.9%	2.3%	5.8%	94.2%
13	ATHENS TOWNSHIP	47.1%	50.9%	48.1%	0.4%	5.5%	94.5%
13	BATTLE CREEK CITY	51.6%	51.2%	52.9%	16.9%	27.0%	73.0%
13	BEDFORD TOWNSHIP	50.2%	53.3%	50.4%	11.0%	15.9%	84.1%
13	BURLINGTON TOWNSHIP	43.0%	40.1%	42.4%	0.3%	2.8%	97.2%
13	CLARENCE TOWNSHIP	39.1%	48.7%	46.7%	0.3%	2.0%	98.0%
13	CLARENDON TOWNSHIP	44.2%	49.1%	48.8%	0.6%	3.3%	96.7%
13	CONVIS TOWNSHIP	46.5%	44.0%	43.6%	0.2%	4.7%	95.3%
13	ECKFORD TOWNSHIP	41.7%	48.2%	44.7%	0.0%	2.8%	97.2%
13	EMMETT TOWNSHIP	42.5%	44.3%	42.3%	2.9%	8.9%	91.1%
13	FREDONIA TOWNSHIP	34.1%	40.3%	39.8%	0.0%	2.8%	97.2%
13	HOMER TOWNSHIP	42.6%	44.8%	44.5%	0.1%	3.2%	96.8%

13	LEE TOWNSHIP	41.3%	38.4%	36.3%	0.2%	4.5%	95.5%
13	LEROY TOWNSHIP	45.0%	48.2%	45.6%	0.6%	3.9%	96.1%
13	MARENGO TOWNSHIP	38.7%	37.0%	38.9%	0.8%	4.9%	95.1%
13	MARSHALL CITY	39.5%	37.7%	37.4%	1.0%	6.3%	93.7%
13	MARSHALL TOWNSHIP	36.4%	42.0%	40.7%	0.3%	4.3%	95.7%
13	NEWTON TOWNSHIP	42.6%	42.4%	39.1%	0.4%	3.4%	96.6%
13	PENNFIELD TOWNSHIP	42.1%	44.8%	41.9%	5.5%	10.2%	89.8%
13	SHERIDAN TOWNSHIP	39.4%	45.6%	44.7%	4.6%	9.6%	90.4%
13	SPRINGFIELD CITY	53.2%	54.9%	56.1%	9.3%	22.3%	77.7%
13	TEKONSHA TOWNSHIP	42.3%	40.7%	38.4%	0.2%	2.7%	97.3%
14	CALVIN TOWNSHIP	54.9%	64.6%	53.4%	19.5%	25.8%	74.2%
14	DOWAGIAC CITY	50.7%	56.1%	57.9%	13.4%	24.1%	75.9%
14	HOWARD TOWNSHIP	48.9%	53.2%	50.7%	3.8%	7.4%	92.6%
14	JEFFERSON TOWNSHIP	46.9%	53.0%	51.7%	5.4%	8.6%	91.4%
14	LA GRANGE TOWNSHIP	47.1%	NA	NA	17.3%	25.3%	74.7%
14	MARCELLUS TOWNSHIP	39.2%	50.6%	41.7%	1.0%	3.8%	96.2%
14	MASON TOWNSHIP	53.5%	61.4%	59.1%	0.3%	4.3%	95.7%
14	MILTON TOWNSHIP	46.1%	58.5%	NA	1.8%	5.7%	94.3%
14	NEWBERG TOWNSHIP	51.4%	57.5%	50.7%	2.4%	5.7%	94.3%
14	ONTWA TOWNSHIP	45.7%	23.2%	54.0%	0.9%	3.8%	96.2%
14	PENN TOWNSHIP	51.1%	NA	NA	10.0%	16.4%	83.6%
14	POKAGON TOWNSHIP	46.9%	54.3%	50.9%	5.3%	10.8%	89.2%
14	PORTER TOWNSHIP	55.8%	68.8%	62.2%	0.5%	3.7%	96.3%
14	SILVER CREEK TOWNSHIP	51.2%	44.2%	56.5%	0.9%	10.1%	89.9%
14	VOLINIA TOWNSHIP	46.0%	NA	51.2%	2.0%	4.9%	95.1%
14	WAYNE TOWNSHIP	47.5%	56.0%	54.5%	1.5%	7.4%	92.6%
15	BAY TOWNSHIP	47.6%	48.6%	49.8%	0.0%	2.1%	97.9%
15	BOYNE CITY CITY	47.9%	47.8%	51.5%	0.2%	4.6%	95.4%
15	BOYNE VALLEY TOWNSHIP	42.9%	45.2%	39.8%	0.2%	3.6%	96.4%
15	CHANDLER TOWNSHIP	36.5%	40.2%	39.4%	0.0%	4.2%	95.8%
15	CHARLEVOIX CITY	40.4%	43.6%	42.4%	1.0%	5.1%	94.9%
15	CHARLEVOIX TOWNSHIP	40.3%	46.5%	44.9%	0.2%	4.3%	95.7%
15	EAST JORDAN CITY	49.1%	49.2%	49.7%	0.2%	4.5%	95.5%
15	EVANGELINE TOWNSHIP	42.5%	42.3%	45.3%	0.0%	2.1%	97.9%
15	EVELINE TOWNSHIP	44.1%	45.6%	46.4%	0.0%	5.1%	94.9%
15	HAYES TOWNSHIP	38.2%	49.5%	43.1%	0.0%	5.1%	94.9%
15	HUDSON TOWNSHIP	49.4%	48.6%	43.5%	0.2%	3.4%	96.6%
15	MARION TOWNSHIP	41.0%	44.2%	40.3%	0.4%	2.5%	97.5%
15	MELROSE TOWNSHIP	51.2%	53.8%	47.4%	0.1%	3.6%	96.4%
15	NORWOOD TOWNSHIP	54.2%	51.4%	47.5%	0.2%	2.7%	97.3%
15	PEAINE TOWNSHIP	31.3%	41.4%	15.7%	0.0%	1.5%	98.5%
15	ST JAMES TOWNSHIP	17.4%	24.2%	19.6%	0.0%	4.0%	96.0%
15	SOUTH ARM TOWNSHIP	52.3%	48.1%	52.5%	0.1%	3.7%	96.3%
15	WILSON TOWNSHIP	44.3%	38.0%	46.2%	0.2%	3.8%	96.2%
16	ALOHA TOWNSHIP	32.7%	41.9%	34.2%	0.6%	5.7%	94.3%
16	BEAUGRAND TOWNSHIP	32.7%	36.1%	37.3%	0.0%	6.0%	94.0%
16	BENTON TOWNSHIP	37.1%	39.6%	37.4%	0.0%	5.5%	94.5%
16	BURT TOWNSHIP	57.7%	60.8%	64.7%	0.2%	5.4%	94.6%
16	CHEBOYGAN CITY	38.9%	41.4%	38.5%	1.0%	8.6%	91.4%
16	ELLIS TOWNSHIP	40.0%	40.5%	44.3%	0.0%	2.6%	97.4%
16	FOREST TOWNSHIP	47.3%	49.8%	50.6%	0.1%	2.7%	97.3%
16	GRANT TOWNSHIP	37.7%	45.4%	34.0%	0.1%	3.7%	96.3%

16	HEBRON TOWNSHIP	31.1%	32.5%	28.1%	0.0%	5.5%	94.5%
16	INVERNESS TOWNSHIP	33.9%	35.5%	35.1%	0.1%	5.7%	94.3%
16	KOEHLER TOWNSHIP	46.4%	43.8%	43.9%	0.1%	3.6%	96.4%
16	MACKINAW TOWNSHIP	38.0%	42.0%	44.3%	9.3%	14.9%	85.1%
16	MENTOR TOWNSHIP	43.3%	50.5%	44.0%	0.2%	4.5%	95.5%
16	MULLETT TOWNSHIP	42.1%	42.0%	42.6%	0.5%	6.7%	93.3%
16	MUNRO TOWNSHIP	34.9%	35.2%	34.4%	0.6%	3.2%	96.8%
16	NUNDA TOWNSHIP	43.3%	39.5%	41.6%	0.0%	5.5%	94.5%
16	TUSCARORA TOWNSHIP	35.3%	24.7%	38.0%	0.1%	3.8%	96.2%
16	WALKER TOWNSHIP	46.7%	39.8%	31.3%	0.0%	3.3%	96.7%
16	WAVERLY TOWNSHIP	40.9%	43.1%	35.2%	0.5%	2.2%	97.8%
16	WILMOT TOWNSHIP	37.0%	42.7%	53.7%	0.2%	3.5%	96.5%
17	BAY MILLS TOWNSHIP	38.6%	47.8%	34.5%	0.3%	49.1%	50.9%
17	BRUCE TOWNSHIP	35.8%	41.1%	31.5%	0.1%	14.4%	85.6%
17	CHIPPEWA TOWNSHIP	43.1%	43.1%	37.3%	0.0%	6.7%	93.3%
17	DAFTER TOWNSHIP	33.8%	33.2%	25.5%	0.2%	15.0%	85.0%
17	DETOUR TOWNSHIP	42.3%	45.9%	35.3%	0.0%	12.0%	88.0%
17	DRUMMOND TOWNSHIP	28.6%	46.3%	33.8%	0.0%	7.3%	92.7%
17	HULBERT TOWNSHIP	34.0%	44.4%	24.5%	0.0%	7.3%	92.7%
17	KINROSS TOWNSHIP	38.5%	42.0%	30.2%	36.6%	47.6%	52.4%
17	PICKFORD TOWNSHIP	35.4%	34.5%	30.8%	0.0%	8.0%	92.0%
17	RABER TOWNSHIP	29.9%	40.9%	33.5%	0.0%	7.4%	92.6%
17	RUDYARD TOWNSHIP	28.5%	38.7%	22.9%	0.2%	10.4%	89.6%
17	SAULT STE MARIE CITY	40.9%	39.9%	34.2%	0.7%	21.5%	78.5%
17	SOO TOWNSHIP	37.7%	43.2%	32.3%	0.2%	22.0%	78.0%
17	SUGAR ISLAND TOWNSHIP	26.2%	45.5%	23.6%	0.0%	29.3%	70.7%
17	SUPERIOR TOWNSHIP	28.1%	40.0%	29.2%	0.2%	25.0%	75.0%
17	TROUT LAKE TOWNSHIP	38.8%	48.8%	36.2%	0.0%	8.4%	91.6%
17	WHITEFISH TOWNSHIP	35.8%	51.0%	38.1%	0.0%	5.6%	94.4%
18	ARTHUR TOWNSHIP	33.1%	37.8%	27.1%	0.6%	1.4%	98.6%
18	CLARE CITY	41.1%	40.8%	40.0%	0.6%	4.0%	96.0%
18	FRANKLIN TOWNSHIP	43.1%	53.9%	32.2%	0.0%	1.7%	98.3%
18	FREEMAN TOWNSHIP	40.5%	38.1%	33.8%	0.4%	2.1%	97.9%
18	FROST TOWNSHIP	40.0%	43.1%	44.3%	0.0%	3.0%	97.0%
18	GARFIELD TOWNSHIP	42.0%	47.5%	34.1%	0.2%	2.8%	97.2%
18	GREENWOOD TOWNSHIP	37.5%	45.2%	34.6%	0.3%	2.5%	97.5%
18	HAMILTON TOWNSHIP	44.8%	47.4%	40.9%	0.1%	3.2%	96.8%
18	HARRISON CITY	35.6%	44.4%	26.7%	2.0%	6.6%	93.4%
18	HATTON TOWNSHIP	39.3%	48.8%	34.3%	0.1%	3.7%	96.3%
18	HAYES TOWNSHIP	41.3%	49.2%	39.2%	0.2%	3.7%	96.3%
18	LINCOLN TOWNSHIP	42.9%	44.1%	33.0%	0.2%	3.8%	96.2%
18	REDDING TOWNSHIP	34.6%	48.1%	41.2%	0.0%	2.9%	97.1%
18	SHERIDAN TOWNSHIP	43.2%	49.6%	31.1%	0.5%	3.2%	96.8%
18	SUMMERFIELD TOWNSHIP	45.4%	42.1%	32.8%	0.2%	2.2%	97.8%
18	SURREY TOWNSHIP	41.5%	42.8%	41.4%	0.2%	2.7%	97.3%
18	WINTERFIELD TOWNSHIP	45.8%	47.3%	44.7%	0.0%	2.4%	97.6%
19	BATH TOWNSHIP	43.5%	43.6%	44.9%	5.6%	14.3%	85.7%
19	BENGAL TOWNSHIP	40.4%	39.4%	37.1%	0.5%	5.2%	94.8%
19	BINGHAM TOWNSHIP	46.0%	44.1%	45.0%	0.1%	4.3%	95.7%
19	DALLAS TOWNSHIP	44.3%	41.9%	44.6%	0.4%	2.3%	97.7%
19	DE WITT CITY	38.6%	40.0%	40.8%	1.1%	6.0%	94.0%
19	DE WITT TOWNSHIP	45.5%	44.0%	46.3%	2.2%	10.2%	89.8%

19	DUPLAIN TOWNSHIP	47.5%	NA	48.9%	0.3%	6.2%	93.8%
19	EAGLE TOWNSHIP	46.8%	45.5%	47.8%	0.5%	3.5%	96.5%
19	EAST LANSING CITY	46.1%	43.1%	43.4%	9.2%	29.8%	70.2%
19	ESSEX TOWNSHIP	43.5%	42.8%	45.3%	0.4%	2.8%	97.2%
19	GREENBUSH TOWNSHIP	47.0%	43.7%	47.2%	0.4%	3.3%	96.7%
19	LEBANON TOWNSHIP	54.5%	68.4%	60.5%	0.5%	2.3%	97.7%
19	OLIVE TOWNSHIP	46.7%	45.7%	44.0%	0.4%	4.2%	95.8%
19	OVID TOWNSHIP	40.0%	39.6%	36.7%	0.5%	5.2%	94.8%
19	RILEY TOWNSHIP	47.0%	45.2%	43.3%	0.3%	4.1%	95.9%
19	ST JOHNS CITY	46.1%	29.3%	43.2%	1.3%	6.8%	93.2%
19	VICTOR TOWNSHIP	40.1%	43.2%	47.4%	0.2%	3.5%	96.5%
19	WATERTOWN TOWNSHIP	46.7%	44.4%	44.8%	1.2%	7.0%	93.0%
19	WESTPHALIA TOWNSHIP	47.4%	43.7%	46.1%	0.1%	3.4%	96.6%
20	BEAVER CREEK TOWNSHIP	41.6%	44.6%	NA	0.2%	2.7%	97.3%
20	FREDERIC TOWNSHIP	48.9%	53.8%	NA	0.1%	2.8%	97.2%
20	GRAYLING CITY	39.4%	42.3%	NA	0.3%	3.1%	96.9%
20	GRAYLING CHARTER TOWNSHIP	38.4%	42.0%	NA	0.2%	2.7%	97.3%
20	LOVELLS TOWNSHIP	41.6%	53.9%	NA	0.0%	3.1%	96.9%
20	MAPLE FOREST TOWNSHIP	46.5%	50.5%	NA	0.2%	2.3%	97.7%
21	BALDWIN TOWNSHIP	33.2%	NA	34.8%	0.0%	5.2%	94.8%
21	BARK RIVER TOWNSHIP	40.2%	NA	35.5%	0.5%	4.4%	95.6%
21	BAY DE NOC TOWNSHIP	45.4%	NA	73.9%	0.0%	3.6%	96.4%
21	BRAMPTON TOWNSHIP	37.7%	NA	35.9%	0.0%	3.6%	96.4%
21	CORNELL TOWNSHIP	44.7%	NA	40.8%	0.2%	2.8%	97.2%
21	ENSIGN TOWNSHIP	40.0%	NA	37.0%	0.0%	3.3%	96.7%
21	ESCANABA CITY	41.4%	NA	41.8%	0.3%	5.4%	94.6%
21	ESCANABA TOWNSHIP	24.1%	NA	27.7%	0.0%	3.3%	96.7%
21	FAIRBANKS TOWNSHIP	29.5%	NA	39.4%	0.0%	9.5%	90.5%
21	FORD RIVER TOWNSHIP	33.6%	NA	35.9%	0.0%	3.1%	96.9%
21	GARDEN TOWNSHIP	25.4%	NA	43.6%	0.0%	8.7%	91.3%
21	GLADSTONE CITY	42.3%	NA	38.9%	0.1%	4.1%	95.9%
21	MAPLE RIDGE TOWNSHIP	33.3%	NA	31.0%	0.0%	2.8%	97.2%
21	MASONVILLE TOWNSHIP	39.4%	NA	41.1%	0.0%	5.4%	94.6%
21	NAHMA TOWNSHIP	30.5%	NA	36.7%	0.2%	3.3%	96.7%
21	WELLS TOWNSHIP	35.8%	NA	38.7%	0.0%	3.4%	96.6%
22	BREEN TOWNSHIP	18.6%	41.3%	34.9%	0.0%	1.6%	98.4%
22	BREITUNG TOWNSHIP	34.1%	45.6%	33.9%	0.3%	2.3%	97.7%
22	FELCH TOWNSHIP	27.4%	39.3%	41.4%	0.0%	1.2%	98.8%
22	IRON MOUNTAIN CITY	34.9%	45.0%	34.7%	0.4%	3.5%	96.5%
22	KINGSFORD CITY	37.4%	47.0%	37.4%	0.4%	2.6%	97.4%
22	NORWAY CITY	32.8%	39.1%	34.7%	0.0%	2.4%	97.6%
22	NORWAY TOWNSHIP	27.8%	35.0%	27.9%	0.2%	1.1%	98.9%
22	SAGOLA TOWNSHIP	35.0%	44.1%	34.2%	0.3%	1.7%	98.3%
22	WAUCEDAH TOWNSHIP	29.8%	33.5%	29.5%	0.0%	2.2%	97.8%
22	WEST BRANCH TOWNSHIP	18.8%	13.9%	37.8%	0.0%	3.8%	96.2%
23	BELLEVUE TOWNSHIP	43.5%	43.8%	43.1%	0.3%	3.0%	97.0%
23	BENTON TOWNSHIP	39.5%	46.6%	43.3%	0.8%	5.8%	94.2%
23	BROOKFIELD TOWNSHIP	36.4%	46.0%	41.8%	0.3%	4.7%	95.3%
23	CARMEL TOWNSHIP	34.9%	42.3%	39.3%	0.3%	4.3%	95.7%
23	CHARLOTTE CITY	38.7%	43.8%	41.5%	1.0%	6.0%	94.0%
23	CHESTER TOWNSHIP	34.9%	40.1%	40.0%	0.4%	2.4%	97.6%
23	DELTA CHARTER TOWNSHIP	45.1%	48.2%	46.3%	10.8%	21.5%	78.5%

23	EATON TOWNSHIP	35.3%	41.2%	40.3%	0.6%	5.0%	95.0%
23	EATON RAPIDS CITY	42.0%	47.9%	45.9%	0.6%	5.8%	94.2%
23	EATON RAPIDS TOWNSHIP	42.3%	48.8%	56.7%	0.7%	5.7%	94.3%
23	GRAND LEDGE CITY	38.4%	43.3%	43.8%	0.7%	6.4%	93.6%
23	HAMLIN TOWNSHIP	38.8%	44.6%	40.7%	1.2%	4.8%	95.2%
23	KALAMO TOWNSHIP	39.5%	48.5%	49.1%	0.1%	3.0%	97.0%
23	LANSING CITY	68.3%	72.1%	61.1%	46.5%	64.4%	35.6%
23	OLIVET CITY	46.9%	46.2%	43.1%	7.3%	12.7%	87.3%
23	ONEIDA CHARTER TOWNSHIP	36.4%	39.4%	41.5%	0.5%	5.0%	95.0%
23	POTTERVILLE CITY	40.1%	42.6%	41.5%	0.9%	7.3%	92.7%
23	ROXAND TOWNSHIP	35.1%	44.6%	42.8%	0.1%	3.2%	96.8%
23	SUNFIELD TOWNSHIP	42.6%	43.8%	44.3%	0.5%	3.4%	96.6%
23	VERMONTVILLE TOWNSHIP	39.0%	48.8%	35.6%	0.0%	2.6%	97.4%
23	WALTON TOWNSHIP	38.7%	43.8%	42.1%	0.5%	3.7%	96.3%
23	WINDSOR CHARTER TOWNSHIP	40.9%	44.7%	43.4%	2.4%	8.4%	91.6%
24	BEAR CREEK TOWNSHIP	45.4%	48.6%	45.6%	0.5%	6.3%	93.7%
24	BLISS TOWNSHIP	40.7%	41.9%	43.6%	0.2%	9.7%	90.3%
24	CARP LAKE TOWNSHIP	41.0%	44.7%	48.4%	1.1%	7.2%	92.8%
24	CENTER TOWNSHIP	36.9%	45.7%	43.5%	0.2%	11.5%	88.5%
24	CROSS VILLAGE TOWNSHIP	36.5%	46.0%	30.8%	0.0%	14.6%	85.4%
24	FRIENDSHIP TOWNSHIP	41.6%	44.9%	43.4%	0.4%	5.1%	94.9%
24	HARBOR SPRINGS CITY	37.3%	50.3%	46.0%	0.3%	7.0%	93.0%
24	LITTLEFIELD TOWNSHIP	45.7%	47.2%	49.6%	0.3%	5.9%	94.1%
24	LITTLE TRAVERSE TOWNSHIP	40.3%	48.0%	45.8%	0.3%	3.5%	96.5%
24	MCKINLEY TOWNSHIP	42.2%	41.3%	44.4%	0.2%	11.8%	88.2%
24	MAPLE RIVER TOWNSHIP	45.1%	46.5%	49.9%	0.1%	6.2%	93.8%
24	PETOSKEY CITY	40.1%	44.9%	43.0%	0.7%	7.8%	92.2%
24	PLEASANTVIEW TOWNSHIP	45.1%	51.2%	54.2%	0.9%	4.8%	95.2%
24	READMOND TOWNSHIP	36.6%	47.4%	46.0%	0.0%	5.6%	94.4%
24	RESORT TOWNSHIP	37.1%	48.4%	47.4%	0.3%	5.0%	95.0%
24	SPRINGVALE TOWNSHIP	41.6%	43.1%	40.5%	0.3%	4.2%	95.8%
24	WAWATAM TOWNSHIP	38.8%	41.6%	46.4%	0.4%	6.7%	93.3%
24	WEST TRAVERSE TOWNSHIP	44.6%	56.6%	50.4%	0.0%	4.6%	95.4%
25	ARGENTINE TOWNSHIP	41.0%	46.4%	42.9%	0.3%	2.9%	97.1%
25	ATLAS TOWNSHIP	42.3%	42.2%	40.3%	0.7%	3.9%	96.1%
25	BURTON CITY	52.8%	53.6%	53.0%	6.8%	11.8%	88.2%
25	CLAYTON TOWNSHIP	41.4%	46.6%	39.6%	3.0%	7.1%	92.9%
25	CLIO CITY	53.5%	53.3%	53.5%	1.1%	5.3%	94.7%
25	DAVISON CITY	47.5%	45.6%	48.5%	1.5%	5.2%	94.8%
25	DAVISON TOWNSHIP	46.5%	46.7%	46.9%	2.7%	7.4%	92.6%
25	FENTON CITY	46.8%	47.3%	47.4%	1.4%	5.5%	94.5%
25	FENTON TOWNSHIP	45.6%	46.9%	44.5%	0.4%	4.0%	96.0%
25	FLINT CITY	75.2%	75.2%	72.7%	53.4%	60.0%	40.0%
25	FLINT TOWNSHIP	60.3%	60.3%	59.5%	23.6%	30.4%	69.6%
25	FLUSHING CITY	43.4%	47.0%	43.0%	2.0%	5.7%	94.3%
25	FLUSHING TOWNSHIP	41.6%	45.3%	38.7%	2.0%	6.1%	93.9%
25	FOREST TOWNSHIP	49.2%	50.2%	48.2%	0.2%	2.8%	97.2%
25	GAINES TOWNSHIP	38.3%	34.7%	43.7%	0.7%	3.9%	96.1%
25	GENESEE TOWNSHIP	54.6%	54.7%	54.8%	8.1%	13.3%	86.7%
25	GRAND BLANC CITY	46.7%	44.5%	46.4%	10.3%	17.0%	83.0%
25	GRAND BLANC TOWNSHIP	47.9%	50.3%	47.1%	10.3%	17.8%	82.2%
25	LINDEN CITY	44.7%	49.3%	47.4%	0.4%	3.4%	96.6%

25	MONTROSE CITY	49.4%	48.4%	51.0%	0.7%	3.8%	96.2%
25	MONTROSE TOWNSHIP	49.5%	51.7%	51.4%	1.6%	5.2%	94.8%
25	MOUNT MORRIS CITY	56.9%	58.4%	61.2%	12.6%	20.0%	80.0%
25	MOUNT MORRIS TOWNSHIP	67.2%	69.1%	67.5%	39.2%	45.1%	54.9%
25	MUNDY TOWNSHIP	49.2%	50.2%	48.8%	3.7%	8.1%	91.9%
25	RICHFIELD TOWNSHIP	46.9%	48.5%	49.9%	2.3%	6.2%	93.8%
25	SWARTZ CREEK CITY	48.6%	48.8%	48.3%	3.7%	7.3%	92.7%
25	THETFORD TOWNSHIP	42.9%	49.3%	46.3%	2.2%	6.0%	94.0%
25	VIENNA TOWNSHIP	46.7%	50.0%	47.1%	1.6%	5.5%	94.5%
26	BEAVERTON CITY	38.5%	NA	NA	0.1%	2.0%	98.0%
26	BEAVERTON TOWNSHIP	35.1%	NA	NA	0.1%	3.1%	96.9%
26	BENTLEY TOWNSHIP	45.3%	NA	NA	0.0%	1.9%	98.1%
26	BILLINGS TOWNSHIP	43.5%	NA	NA	0.3%	3.5%	96.5%
26	BOURRET TOWNSHIP	48.2%	NA	NA	0.8%	6.3%	93.7%
26	BUCKEYE TOWNSHIP	38.4%	NA	NA	0.1%	1.8%	98.2%
26	BUTMAN TOWNSHIP	51.9%	NA	NA	0.2%	1.8%	98.2%
26	GLADWIN CITY	39.2%	NA	NA	0.1%	3.0%	97.0%
26	GLADWIN TOWNSHIP	37.4%	NA	NA	0.0%	2.0%	98.0%
26	GRIM TOWNSHIP	33.3%	NA	NA	0.0%	1.9%	98.1%
26	GROUT TOWNSHIP	38.2%	NA	NA	0.1%	2.5%	97.5%
26	HAY TOWNSHIP	45.1%	NA	NA	0.3%	4.2%	95.8%
26	SAGE TOWNSHIP	38.0%	NA	NA	0.0%	2.3%	97.7%
26	SECORD TOWNSHIP	46.8%	NA	NA	0.5%	2.3%	97.7%
26	SHERMAN TOWNSHIP	40.1%	NA	NA	0.5%	4.1%	95.9%
26	TOBACCO TOWNSHIP	41.2%	NA	NA	0.0%	1.9%	98.1%
27	BESSEMER CITY	36.7%	NA	NA	0.4%	2.9%	97.1%
27	BESSEMER TOWNSHIP	36.7%	NA	NA	0.1%	1.0%	99.0%
27	ERWIN TOWNSHIP	44.7%	NA	NA	0.0%	2.3%	97.7%
27	IRONWOOD CITY	44.1%	NA	NA	0.5%	4.0%	96.0%
27	IRONWOOD TOWNSHIP	34.3%	NA	NA	0.1%	2.9%	97.1%
27	MARENISCO TOWNSHIP	40.7%	NA	NA	38.1%	39.8%	60.2%
27	WAKEFIELD CITY	43.3%	NA	NA	0.1%	2.3%	97.7%
27	WAKEFIELD TOWNSHIP	33.5%	NA	NA	0.0%	0.0%	100.0%
27	WATERSMEET TOWNSHIP	47.1%	NA	NA	0.1%	15.6%	84.4%
28	ACME TOWNSHIP	45.1%	47.7%	44.3%	0.2%	3.4%	96.6%
28	BLAIR TOWNSHIP	44.4%	42.1%	41.7%	0.4%	7.2%	92.8%
28	EAST BAY TOWNSHIP	42.5%	43.4%	41.6%	0.3%	4.0%	96.0%
28	FIFE LAKE TOWNSHIP	45.8%	42.1%	41.1%	25.8%	31.4%	68.6%
28	GARFIELD TOWNSHIP	44.9%	47.0%	43.5%	0.7%	6.0%	94.0%
28	GRANT TOWNSHIP	49.0%	51.6%	48.0%	0.1%	2.3%	97.7%
28	GREEN LAKE TOWNSHIP	41.7%	44.5%	42.4%	0.2%	3.7%	96.3%
28	LONG LAKE TOWNSHIP	42.0%	43.9%	41.0%	0.1%	3.4%	96.6%
28	MAYFIELD TOWNSHIP	42.6%	39.1%	44.7%	0.4%	1.5%	98.5%
28	PARADISE TOWNSHIP	41.5%	42.4%	37.8%	0.5%	3.5%	96.5%
28	PENINSULA TOWNSHIP	39.3%	44.6%	37.8%	0.0%	2.9%	97.1%
28	TRAVERSE CITY CITY	36.5%	37.6%	37.8%	0.7%	5.2%	94.8%
28	UNION TOWNSHIP	46.5%	46.8%	44.4%	0.0%	3.2%	96.8%
28	WHITEWATER TOWNSHIP	43.7%	47.3%	40.6%	0.1%	3.2%	96.8%
29	ALMA CITY	51.0%	NA	NA	0.7%	9.2%	90.8%
29	ARCADA TOWNSHIP	43.3%	NA	NA	0.1%	5.7%	94.3%
29	BETHANY TOWNSHIP	43.9%	NA	NA	0.4%	4.9%	95.1%
29	ELBA TOWNSHIP	44.3%	NA	NA	0.4%	3.3%	96.7%

29	EMERSON TOWNSHIP	46.3%	NA	NA	0.1%	3.1%	96.9%
29	FULTON TOWNSHIP	53.0%	NA	NA	0.3%	4.8%	95.2%
29	HAMILTON TOWNSHIP	47.2%	NA	NA	0.0%	2.5%	97.5%
29	ITHACA CITY	41.7%	NA	NA	0.5%	7.8%	92.2%
29	LAFAYETTE TOWNSHIP	44.6%	NA	NA	0.0%	4.4%	95.6%
29	NEWARK TOWNSHIP	68.4%	NA	NA	0.6%	6.1%	93.9%
29	NEW HAVEN TOWNSHIP	43.7%	NA	NA	0.1%	3.8%	96.2%
29	NORTH SHADE TOWNSHIP	51.2%	NA	NA	0.2%	6.1%	93.9%
29	NORTH STAR TOWNSHIP	44.0%	NA	NA	0.1%	4.9%	95.1%
29	PINE RIVER TOWNSHIP	55.4%	NA	NA	0.2%	5.5%	94.5%
29	ST LOUIS CITY	52.2%	NA	NA	33.6%	38.3%	61.7%
29	SEVILLE TOWNSHIP	52.7%	NA	NA	0.1%	3.8%	96.2%
29	SUMNER TOWNSHIP	51.9%	NA	NA	0.1%	2.1%	97.9%
29	WASHINGTON TOWNSHIP	49.8%	NA	NA	0.0%	3.5%	96.5%
29	WHEELER TOWNSHIP	46.1%	NA	NA	0.2%	4.7%	95.3%
30	ADAMS TOWNSHIP	51.9%	45.9%	45.1%	0.4%	2.3%	97.7%
30	ALLEN TOWNSHIP	53.0%	50.8%	49.2%	0.4%	2.4%	97.6%
30	AMBOY TOWNSHIP	55.8%	49.7%	55.0%	0.0%	3.0%	97.0%
30	CAMBRIA TOWNSHIP	48.2%	47.0%	45.2%	0.6%	3.2%	96.8%
30	CAMDEN TOWNSHIP	43.5%	49.5%	39.2%	0.1%	1.4%	98.6%
30	FAYETTE TOWNSHIP	51.6%	41.9%	43.2%	0.5%	3.6%	96.4%
30	HILLSDALE CITY	47.0%	43.3%	38.0%	0.6%	4.8%	95.2%
30	HILLSDALE TOWNSHIP	48.4%	44.7%	46.0%	0.4%	3.4%	96.6%
30	JEFFERSON TOWNSHIP	51.4%	44.7%	45.4%	0.4%	3.0%	97.0%
30	JONESVILLE CITY	50.9%	43.0%	NA	0.7%	3.7%	96.3%
30	LITCHFIELD CITY	48.9%	51.7%	50.6%	0.3%	3.9%	96.1%
30	LITCHFIELD TOWNSHIP	52.6%	50.3%	59.7%	0.8%	3.9%	96.1%
30	MOSCOW TOWNSHIP	45.6%	41.1%	41.8%	0.4%	2.7%	97.3%
30	PITTSFORD TOWNSHIP	54.0%	47.4%	48.0%	0.3%	3.2%	96.8%
30	RANSOM TOWNSHIP	54.1%	50.7%	49.3%	0.0%	2.0%	98.0%
30	READING CITY	43.6%	42.1%	41.8%	0.1%	0.7%	99.3%
30	READING TOWNSHIP	48.1%	41.9%	42.6%	0.1%	1.5%	98.5%
30	SCIPIO TOWNSHIP	44.4%	44.0%	45.2%	0.2%	3.2%	96.8%
30	SOMERSET TOWNSHIP	46.3%	12.6%	49.4%	0.3%	2.9%	97.1%
30	WHEATLAND TOWNSHIP	47.9%	10.8%	49.0%	0.1%	3.4%	96.6%
30	WOODBRIDGE TOWNSHIP	54.0%	51.9%	67.3%	0.0%	2.7%	97.3%
30	WRIGHT TOWNSHIP	43.6%	43.5%	47.7%	0.1%	3.1%	96.9%
31	ADAMS TOWNSHIP	31.1%	43.6%	39.1%	0.3%	2.8%	97.2%
31	CALUMET TOWNSHIP	39.2%	47.9%	43.3%	0.2%	3.1%	96.9%
31	CHASSELL TOWNSHIP	21.2%	38.4%	31.9%	0.2%	2.4%	97.6%
31	DUNCAN TOWNSHIP	41.8%	54.6%	41.7%	0.0%	1.4%	98.6%
31	ELM RIVER TOWNSHIP	16.9%	39.1%	21.6%	0.0%	1.3%	98.7%
31	FRANKLIN TOWNSHIP	31.9%	41.6%	35.4%	0.2%	2.6%	97.4%
31	HANCOCK CITY	32.8%	40.0%	36.9%	1.2%	6.3%	93.7%
31	HANCOCK TOWNSHIP	28.0%	50.0%	38.4%	0.0%	1.3%	98.7%
31	HOUGHTON CITY	34.3%	43.8%	37.6%	1.1%	16.1%	83.9%
31	LAIRD TOWNSHIP	32.1%	45.3%	37.8%	0.0%	3.2%	96.8%
31	OSCEOLA TOWNSHIP	32.6%	41.3%	37.4%	0.6%	2.8%	97.2%
31	PORTAGE TOWNSHIP	33.7%	44.4%	30.8%	0.4%	4.2%	95.8%
31	QUINCY TOWNSHIP	32.2%	42.0%	42.1%	0.4%	1.3%	98.7%
31	SCHOOLCRAFT TOWNSHIP	32.9%	43.8%	34.3%	0.1%	2.5%	97.5%
31	STANTON TOWNSHIP	30.8%	50.6%	39.4%	0.1%	1.8%	98.2%

31	TORCH LAKE TOWNSHIP	36.5%	45.4%	36.1%	0.1%	1.9%	98.1%
32	BAD AXE CITY	30.9%	NA	NA	0.7%	4.9%	95.1%
32	BINGHAM TOWNSHIP	27.1%	NA	NA	0.2%	1.2%	98.8%
32	BLOOMFIELD TOWNSHIP	42.8%	NA	NA	0.3%	4.0%	96.0%
32	BROOKFIELD TOWNSHIP	36.9%	NA	NA	0.0%	3.0%	97.0%
32	CASEVILLE CITY	47.5%	NA	NA	0.3%	2.2%	97.8%
32	CASEVILLE TOWNSHIP	48.2%	NA	NA	0.1%	2.5%	97.5%
32	CHANDLER TOWNSHIP	35.9%	NA	NA	0.0%	3.1%	96.9%
32	COLFAX TOWNSHIP	41.9%	NA	NA	0.3%	3.3%	96.7%
32	DWIGHT TOWNSHIP	39.2%	NA	NA	0.0%	1.9%	98.1%
32	FAIRHAVEN TOWNSHIP	42.8%	NA	NA	0.2%	2.8%	97.2%
32	GORE TOWNSHIP	53.8%	NA	NA	0.0%	2.3%	97.7%
32	GRANT TOWNSHIP	47.0%	NA	NA	0.0%	1.5%	98.5%
32	HARBOR BEACH CITY	42.2%	NA	NA	0.3%	3.6%	96.4%
32	HUME TOWNSHIP	31.4%	NA	NA	0.5%	1.6%	98.4%
32	HURON TOWNSHIP	48.6%	NA	NA	0.0%	4.2%	95.8%
32	LAKE TOWNSHIP	46.7%	NA	NA	0.0%	1.6%	98.4%
32	LINCOLN TOWNSHIP	41.1%	NA	NA	0.2%	1.0%	99.0%
32	MCKINLEY TOWNSHIP	37.5%	NA	NA	0.0%	3.5%	96.5%
32	MEADE TOWNSHIP	30.5%	NA	NA	0.0%	2.3%	97.7%
32	OLIVER TOWNSHIP	32.0%	NA	NA	0.2%	4.0%	96.0%
32	PARIS TOWNSHIP	31.0%	NA	NA	1.1%	1.7%	98.3%
32	POINTE AUX BARQUES TOWNSHIP	50.0%	NA	NA	0.0%	0.0%	100.0%
32	PORT AUSTIN TOWNSHIP	31.9%	NA	NA	0.0%	2.8%	97.2%
32	RUBICON TOWNSHIP	50.1%	NA	NA	0.0%	2.8%	97.2%
32	SAND BEACH TOWNSHIP	43.2%	NA	NA	0.1%	3.1%	96.9%
32	SEBEWAING TOWNSHIP	40.7%	NA	NA	0.3%	3.8%	96.2%
32	SHERIDAN TOWNSHIP	40.3%	NA	NA	0.0%	1.5%	98.5%
32	SHERMAN TOWNSHIP	39.2%	NA	NA	0.5%	2.4%	97.6%
32	SIGEL TOWNSHIP	29.6%	NA	NA	0.0%	0.8%	99.2%
32	VERONA TOWNSHIP	39.8%	NA	NA	1.1%	3.7%	96.3%
32	WINSOR TOWNSHIP	36.8%	NA	NA	0.3%	2.8%	97.2%
33	ALAIEDON TOWNSHIP	41.1%	43.0%	NA	1.1%	6.1%	93.9%
33	AURELIUS TOWNSHIP	40.7%	45.2%	NA	1.0%	4.4%	95.6%
33	BUNKER HILL TOWNSHIP	43.3%	44.0%	NA	0.1%	4.1%	95.9%
33	DELHI CHARTER TOWNSHIP	39.5%	41.3%	NA	4.7%	13.3%	86.7%
33	EAST LANSING CITY	50.4%	39.4%	NA	6.1%	22.2%	77.8%
33	INGHAM TOWNSHIP	38.1%	42.0%	NA	0.2%	2.8%	97.2%
33	LANSING CITY	53.2%	49.1%	NA	19.9%	37.2%	62.8%
33	LANSING TOWNSHIP	49.6%	48.4%	NA	11.4%	24.8%	75.2%
33	LEROY TOWNSHIP	42.2%	44.0%	NA	0.3%	3.6%	96.4%
33	LESLIE CITY	45.2%	37.6%	NA	0.5%	4.4%	95.6%
33	LESLIE TOWNSHIP	38.6%	42.1%	NA	0.3%	3.3%	96.7%
33	LOCKE TOWNSHIP	40.9%	41.7%	NA	0.3%	2.7%	97.3%
33	MASON CITY	38.8%	42.0%	NA	6.7%	11.9%	88.1%
33	MERIDIAN TOWNSHIP	42.9%	43.2%	NA	4.3%	19.7%	80.3%
33	ONONDAGA TOWNSHIP	36.6%	40.6%	NA	0.3%	4.8%	95.2%
33	STOCKBRIDGE TOWNSHIP	42.7%	50.6%	NA	0.7%	4.2%	95.8%
33	VEVAY TOWNSHIP	33.7%	40.0%	NA	0.4%	4.2%	95.8%
33	WHEATFIELD TOWNSHIP	40.0%	43.5%	NA	0.3%	5.6%	94.4%
33	WHITE OAK TOWNSHIP	50.9%	44.0%	NA	0.4%	3.2%	96.8%
33	WILLIAMSTON CITY	42.3%	40.4%	NA	0.9%	6.2%	93.8%

33	WILLIAMSTOWN TOWNSHIP	37.2%	42.6%	NA	0.8%	4.4%	95.6%
34	BELDING CITY	43.4%	41.2%	46.0%	0.4%	6.3%	93.7%
34	BERLIN TOWNSHIP	41.0%	40.5%	41.3%	0.3%	2.9%	97.1%
34	BOSTON TOWNSHIP	46.8%	45.2%	44.5%	0.5%	3.6%	96.4%
34	CAMPBELL TOWNSHIP	54.9%	57.5%	54.9%	0.1%	3.2%	96.8%
34	DANBY TOWNSHIP	55.9%	53.3%	48.4%	0.0%	2.1%	97.9%
34	EASTON TOWNSHIP	44.4%	42.3%	41.3%	0.3%	5.6%	94.4%
34	IONIA CITY	45.0%	39.8%	41.7%	28.9%	37.0%	63.0%
34	IONIA TOWNSHIP	31.8%	35.9%	36.3%	0.5%	6.1%	93.9%
34	KEENE TOWNSHIP	50.7%	49.8%	47.3%	0.1%	5.5%	94.5%
34	LYONS TOWNSHIP	44.8%	44.5%	44.7%	0.2%	4.8%	95.2%
34	NORTH PLAINS TOWNSHIP	48.5%	48.8%	43.5%	0.1%	2.3%	97.7%
34	ODESSA TOWNSHIP	49.1%	47.6%	49.1%	0.1%	6.7%	93.3%
34	ORANGE TOWNSHIP	45.1%	46.5%	41.3%	0.1%	2.9%	97.1%
34	ORLEANS TOWNSHIP	44.8%	41.6%	42.1%	0.1%	5.1%	94.9%
34	OTISCO TOWNSHIP	41.8%	46.1%	47.2%	0.1%	2.6%	97.4%
34	PORTLAND CITY	43.3%	49.1%	45.4%	0.7%	4.5%	95.5%
34	PORTLAND TOWNSHIP	40.1%	44.8%	41.4%	0.2%	3.0%	97.0%
34	RONALD TOWNSHIP	40.8%	39.9%	32.5%	0.6%	4.4%	95.6%
34	SEBEWA TOWNSHIP	44.2%	44.2%	41.3%	0.1%	2.2%	97.8%
35	ALABASTER TOWNSHIP	42.0%	NA	NA	0.0%	2.3%	97.7%
35	AU SABLE TOWNSHIP	40.7%	NA	NA	0.7%	5.0%	95.0%
35	BALDWIN TOWNSHIP	35.4%	NA	NA	0.4%	2.6%	97.4%
35	BURLEIGH TOWNSHIP	36.3%	NA	NA	0.0%	3.7%	96.3%
35	EAST TAWAS CITY	35.6%	NA	NA	0.1%	3.9%	96.1%
35	GRANT TOWNSHIP	36.1%	NA	NA	0.1%	2.7%	97.3%
35	OSCODA TOWNSHIP	40.1%	NA	NA	0.6%	4.6%	95.4%
35	PLAINFIELD TOWNSHIP	36.0%	NA	NA	0.2%	2.4%	97.6%
35	RENO TOWNSHIP	33.7%	NA	NA	0.0%	2.1%	97.9%
35	SHERMAN TOWNSHIP	24.8%	NA	NA	0.3%	2.7%	97.3%
35	TAWAS TOWNSHIP	26.0%	NA	NA	0.1%	2.4%	97.6%
35	TAWAS CITY CITY	34.2%	NA	NA	0.4%	3.5%	96.5%
35	WHITTEMORE CITY	30.2%	NA	NA	1.0%	4.5%	95.5%
35	WILBER TOWNSHIP	35.5%	NA	NA	0.0%	1.8%	98.2%
36	BATES TOWNSHIP	33.4%	42.1%	NA	0.0%	3.3%	96.7%
36	CASPIAN CITY	40.5%	45.4%	NA	0.0%	3.1%	96.9%
36	CRYSTAL FALLS CITY	38.6%	37.4%	NA	0.3%	3.1%	96.9%
36	CRYSTAL FALLS TOWNSHIP	39.3%	37.0%	NA	0.0%	2.3%	97.7%
36	GAASTRA CITY	36.6%	39.5%	NA	0.0%	2.3%	97.7%
36	HEMATITE TOWNSHIP	37.5%	42.2%	NA	0.0%	3.6%	96.4%
36	IRON RIVER CITY	41.8%	44.2%	NA	0.2%	3.8%	96.2%
36	IRON RIVER TOWNSHIP	25.9%	34.6%	NA	0.0%	2.3%	97.7%
36	MANSFIELD TOWNSHIP	32.2%	34.4%	NA	0.0%	0.5%	99.5%
36	MASTODON TOWNSHIP	30.6%	46.9%	NA	0.0%	0.9%	99.1%
36	STAMBAUGH TOWNSHIP	31.6%	40.4%	NA	0.4%	3.1%	96.9%
37	BROOMFIELD TOWNSHIP	49.5%	49.8%	NA	0.7%	5.3%	94.7%
37	CHIPPEWA TOWNSHIP	49.4%	49.8%	44.6%	0.5%	21.9%	78.1%
37	CLARE CITY	41.1%	NA	43.7%	0.0%	9.1%	90.9%
37	COE TOWNSHIP	39.6%	42.3%	38.3%	0.2%	4.3%	95.7%
37	COLDWATER TOWNSHIP	50.8%	49.8%	40.2%	0.5%	5.4%	94.6%
37	DEERFIELD TOWNSHIP	37.8%	40.9%	35.6%	0.4%	6.4%	93.6%
37	DENVER TOWNSHIP	37.6%	44.9%	38.4%	0.6%	12.3%	87.7%

37	FREMONT TOWNSHIP	41.7%	46.9%	42.9%	0.8%	3.7%	96.3%
37	GILMORE TOWNSHIP	46.1%	44.2%	42.3%	0.0%	4.1%	95.9%
37	ISABELLA TOWNSHIP	40.9%	41.0%	36.6%	1.1%	8.4%	91.6%
37	LINCOLN TOWNSHIP	40.3%	42.8%	38.1%	0.4%	5.9%	94.1%
37	MOUNT PLEASANT CITY	38.1%	44.2%	33.0%	3.9%	12.9%	87.1%
37	NOTTAWA TOWNSHIP	35.9%	40.6%	34.6%	0.1%	5.6%	94.4%
37	ROLLAND TOWNSHIP	44.6%	45.5%	42.2%	1.1%	5.7%	94.3%
37	SHERMAN TOWNSHIP	46.5%	45.8%	40.9%	0.5%	5.1%	94.9%
37	UNION TOWNSHIP	34.4%	44.2%	37.7%	3.6%	11.7%	88.3%
37	VERNON TOWNSHIP	50.1%	50.6%	41.3%	0.7%	2.8%	97.2%
37	WISE TOWNSHIP	49.5%	48.5%	43.1%	0.1%	5.1%	94.9%
38	BLACKMAN TOWNSHIP	47.8%	45.5%	46.2%	18.5%	23.8%	76.2%
38	COLUMBIA TOWNSHIP	43.7%	41.2%	38.9%	0.2%	2.9%	97.1%
38	CONCORD TOWNSHIP	42.1%	43.1%	39.6%	0.2%	1.9%	98.1%
38	GRASS LAKE CHARTER TOWNSHIP	43.8%	44.2%	44.8%	1.1%	3.9%	96.1%
38	HANOVER TOWNSHIP	37.7%	44.1%	41.1%	0.3%	2.2%	97.8%
38	HENRIETTA TOWNSHIP	44.2%	48.2%	45.0%	0.5%	3.6%	96.4%
38	JACKSON CITY	51.8%	48.9%	50.7%	18.6%	26.2%	73.8%
38	LEONI TOWNSHIP	39.1%	42.8%	40.4%	1.0%	4.5%	95.5%
38	LIBERTY TOWNSHIP	42.2%	47.0%	42.6%	0.2%	3.1%	96.9%
38	NAPOLEON TOWNSHIP	39.3%	40.4%	37.7%	0.6%	3.7%	96.3%
38	NORVELL TOWNSHIP	45.2%	49.8%	46.8%	0.4%	2.7%	97.3%
38	PARMA TOWNSHIP	46.0%	45.2%	42.9%	2.9%	6.7%	93.3%
38	PULASKI TOWNSHIP	41.2%	34.4%	38.0%	0.8%	3.6%	96.4%
38	RIVES TOWNSHIP	41.0%	47.8%	42.5%	0.8%	3.6%	96.4%
38	SANDSTONE TOWNSHIP	41.0%	46.5%	43.9%	1.0%	4.2%	95.8%
38	SPRING ARBOR TOWNSHIP	43.9%	49.8%	45.4%	1.5%	4.8%	95.2%
38	SPRINGPORT TOWNSHIP	45.4%	44.5%	46.1%	0.4%	4.0%	96.0%
38	SUMMIT TOWNSHIP	43.1%	44.5%	43.1%	4.8%	9.5%	90.5%
38	TOMPKINS TOWNSHIP	42.8%	43.6%	46.2%	0.2%	3.1%	96.9%
38	WATERLOO TOWNSHIP	41.2%	42.9%	41.7%	0.2%	2.6%	97.4%
39	ALAMO TOWNSHIP	45.8%	37.3%	47.3%	1.2%	3.8%	96.2%
39	BRADY TOWNSHIP	47.5%	46.0%	47.5%	0.3%	2.3%	97.7%
39	CHARLESTON TOWNSHIP	41.6%	45.3%	43.6%	0.9%	4.1%	95.9%
39	CLIMAX TOWNSHIP	45.7%	48.7%	42.1%	0.3%	2.5%	97.5%
39	COMSTOCK TOWNSHIP	42.8%	46.5%	44.1%	5.0%	11.2%	88.8%
39	COOPER TOWNSHIP	44.5%	48.7%	47.8%	2.8%	6.7%	93.3%
39	GALESBURG CITY	45.5%	47.4%	48.8%	2.5%	6.6%	93.4%
39	KALAMAZOO CITY	53.5%	51.1%	53.6%	18.1%	28.1%	71.9%
39	KALAMAZOO TOWNSHIP	52.1%	52.2%	49.9%	15.2%	22.5%	77.5%
39	OSHTEMO TOWNSHIP	48.2%	47.7%	48.2%	10.8%	18.8%	81.2%
39	PARCHMENT CITY	43.9%	46.3%	47.1%	7.3%	12.6%	87.4%
39	PAVILION TOWNSHIP	40.9%	44.6%	44.2%	1.2%	5.1%	94.9%
39	PORTAGE CITY	43.8%	44.4%	45.9%	4.4%	12.4%	87.6%
39	PRAIRIE RONDE TOWNSHIP	39.0%	47.3%	44.8%	0.3%	3.3%	96.7%
39	RICHLAND TOWNSHIP	41.0%	45.2%	42.6%	2.8%	7.3%	92.7%
39	ROSS TOWNSHIP	43.6%	45.8%	45.6%	0.6%	4.1%	95.9%
39	SCHOOLCRAFT TOWNSHIP	41.7%	45.7%	47.0%	0.6%	4.2%	95.8%
39	TEXAS TOWNSHIP	44.5%	46.4%	45.6%	2.5%	9.4%	90.6%
39	WAKESHMA TOWNSHIP	41.8%	44.0%	43.4%	0.1%	3.2%	96.8%
40	BEAR LAKE TOWNSHIP	43.1%	29.7%	34.5%	0.0%	2.8%	97.2%
40	BLUE LAKE TOWNSHIP	55.9%	54.6%	37.7%	0.0%	1.4%	98.6%

40	BOARDMAN TOWNSHIP	43.4%	49.7%	37.8%	0.5%	2.5%	97.5%
40	CLEARWATER TOWNSHIP	48.5%	43.3%	33.9%	0.1%	2.9%	97.1%
40	COLDSPRINGS TOWNSHIP	45.9%	45.6%	40.8%	0.3%	2.8%	97.2%
40	EXCELSIOR TOWNSHIP	46.7%	42.6%	37.3%	0.3%	1.9%	98.1%
40	GARFIELD TOWNSHIP	38.2%	44.1%	37.7%	0.0%	2.5%	97.5%
40	KALKASKA TOWNSHIP	41.7%	39.6%	30.5%	0.3%	4.4%	95.6%
40	OLIVER TOWNSHIP	38.2%	40.5%	35.0%	0.0%	2.6%	97.4%
40	ORANGE TOWNSHIP	44.3%	48.5%	31.5%	0.0%	3.5%	96.5%
40	RAPID RIVER TOWNSHIP	45.6%	46.5%	44.0%	0.1%	4.6%	95.4%
40	SPRINGFIELD TOWNSHIP	49.4%	44.0%	42.2%	0.4%	2.4%	97.6%
41	ADA TOWNSHIP	47.5%	51.2%	49.7%	0.8%	6.3%	93.7%
41	ALGOMA TOWNSHIP	51.5%	53.6%	54.1%	0.3%	3.5%	96.5%
41	ALPINE TOWNSHIP	51.6%	50.3%	50.3%	4.9%	17.6%	82.4%
41	BOWNE TOWNSHIP	50.1%	54.9%	51.4%	0.5%	4.4%	95.6%
41	BYRON TOWNSHIP	55.1%	59.0%	58.1%	1.6%	7.6%	92.4%
41	CALEDONIA TOWNSHIP	50.2%	53.5%	49.5%	1.3%	5.3%	94.7%
41	CANNON TOWNSHIP	48.4%	49.0%	49.4%	0.7%	3.4%	96.6%
41	CASCADE TOWNSHIP	48.0%	51.9%	52.6%	1.2%	6.5%	93.5%
41	CEDAR SPRINGS CITY	47.5%	49.7%	47.5%	0.6%	5.6%	94.4%
41	COURTLAND TOWNSHIP	47.2%	47.8%	47.3%	0.2%	3.1%	96.9%
41	EAST GRAND RAPIDS CITY	40.5%	45.3%	41.8%	1.0%	4.4%	95.6%
41	GAINES TOWNSHIP	57.0%	62.2%	59.4%	7.9%	18.8%	81.2%
41	GRAND RAPIDS CITY	54.6%	54.0%	52.4%	18.0%	34.2%	65.8%
41	GRAND RAPIDS CHARTER TOWNSHIP	49.5%	52.6%	52.5%	1.7%	8.2%	91.8%
41	GRANDVILLE CITY	54.4%	57.4%	56.0%	1.9%	9.1%	90.9%
41	GRATTAN TOWNSHIP	45.9%	49.2%	43.7%	0.6%	3.3%	96.7%
41	KENTWOOD CITY	57.7%	57.3%	56.6%	13.4%	28.5%	71.5%
41	LOWELL CITY	47.0%	47.0%	48.0%	1.0%	5.1%	94.9%
41	LOWELL TOWNSHIP	45.3%	50.0%	50.3%	0.5%	4.2%	95.8%
41	NELSON TOWNSHIP	51.2%	54.2%	54.8%	0.5%	3.2%	96.8%
41	OAKFIELD TOWNSHIP	49.2%	50.2%	48.8%	0.2%	3.5%	96.5%
41	PLAINFIELD TOWNSHIP	48.5%	49.5%	50.1%	1.5%	5.7%	94.3%
41	ROCKFORD CITY	42.8%	45.6%	49.1%	0.5%	5.3%	94.7%
41	SOLON TOWNSHIP	52.4%	54.4%	50.5%	0.4%	4.1%	95.9%
41	SPARTA TOWNSHIP	53.3%	51.3%	51.3%	0.5%	5.5%	94.5%
41	SPENCER TOWNSHIP	50.3%	52.5%	49.2%	0.7%	3.4%	96.6%
41	TYRONE TOWNSHIP	53.6%	53.0%	52.9%	0.3%	8.4%	91.6%
41	VERGENNES TOWNSHIP	47.0%	48.4%	49.0%	0.6%	3.4%	96.6%
41	WALKER CITY	51.1%	52.0%	51.0%	2.7%	9.5%	90.5%
41	WYOMING CITY	57.6%	56.6%	56.4%	6.1%	26.4%	73.6%
42	ALLOUEZ TOWNSHIP	28.5%	NA	NA	0.2%	1.1%	98.9%
42	EAGLE HARBOR TOWNSHIP	30.8%	NA	NA	0.5%	3.3%	96.7%
42	GRANT TOWNSHIP	13.6%	NA	NA	0.0%	2.0%	98.0%
42	HOUGHTON TOWNSHIP	12.7%	NA	NA	0.0%	0.0%	100.0%
42	SHERMAN TOWNSHIP	25.4%	NA	NA	0.0%	6.5%	93.5%
43	CHASE TOWNSHIP	39.4%	45.3%	29.4%	3.3%	6.0%	94.0%
43	CHERRY VALLEY TOWNSHIP	36.4%	39.5%	35.8%	7.5%	10.0%	90.0%
43	DOVER TOWNSHIP	48.4%	57.4%	46.5%	0.0%	3.5%	96.5%
43	EDEN TOWNSHIP	43.7%	52.7%	44.2%	0.2%	2.2%	97.8%
43	ELK TOWNSHIP	38.4%	55.4%	32.5%	0.7%	3.4%	96.6%
43	ELLSWORTH TOWNSHIP	41.3%	44.6%	40.8%	0.2%	3.1%	96.9%
43	LAKE TOWNSHIP	36.9%	42.5%	39.8%	2.0%	4.2%	95.8%

43	NEWKIRK TOWNSHIP	39.5%	46.5%	35.9%	0.4%	4.3%	95.7%
43	PEACOCK TOWNSHIP	30.0%	53.9%	37.9%	0.7%	4.9%	95.1%
43	PINORA TOWNSHIP	47.3%	52.0%	40.8%	0.5%	2.3%	97.7%
43	PLEASANT PLAINS TOWNSHIP	39.7%	46.3%	36.9%	14.2%	19.8%	80.2%
43	SAUBLE TOWNSHIP	33.2%	52.3%	41.2%	0.0%	4.0%	96.0%
43	SWEETWATER TOWNSHIP	39.7%	56.3%	49.6%	4.2%	7.0%	93.0%
43	WEBBER TOWNSHIP	37.4%	54.0%	42.6%	20.5%	27.2%	72.8%
43	YATES TOWNSHIP	53.7%	45.9%	54.9%	40.5%	45.2%	54.8%
44	ALMONT TOWNSHIP	48.7%	45.4%	43.9%	0.1%	4.4%	95.6%
44	ARCADIA TOWNSHIP	46.0%	44.5%	42.3%	0.4%	2.8%	97.2%
44	ATTICA TOWNSHIP	42.7%	45.7%	39.0%	0.1%	5.2%	94.8%
44	BURLINGTON TOWNSHIP	40.0%	37.5%	38.7%	0.5%	3.3%	96.7%
44	BURNSIDE TOWNSHIP	49.9%	46.6%	48.5%	0.2%	5.2%	94.8%
44	DEERFIELD TOWNSHIP	42.0%	41.6%	40.4%	0.2%	3.4%	96.6%
44	DRYDEN TOWNSHIP	46.8%	49.2%	42.5%	0.1%	2.5%	97.5%
44	ELBA TOWNSHIP	40.0%	46.7%	42.3%	0.3%	3.6%	96.4%
44	GOODLAND TOWNSHIP	51.4%	47.4%	49.8%	0.4%	4.2%	95.8%
44	HADLEY TOWNSHIP	47.4%	50.1%	44.7%	0.2%	2.6%	97.4%
44	IMLAY TOWNSHIP	46.8%	42.8%	43.3%	0.0%	9.4%	90.6%
44	IMLAY CITY CITY	51.4%	47.0%	49.9%	0.5%	26.8%	73.2%
44	LAPEER CITY	47.2%	47.4%	44.9%	8.8%	14.2%	85.8%
44	LAPEER TOWNSHIP	41.5%	43.7%	43.3%	0.2%	4.0%	96.0%
44	MARATHON TOWNSHIP	48.6%	49.8%	43.9%	0.3%	4.4%	95.6%
44	MAYFIELD TOWNSHIP	44.2%	44.1%	43.8%	0.2%	3.8%	96.2%
44	METAMORA TOWNSHIP	54.7%	53.2%	51.7%	0.4%	3.1%	96.9%
44	NORTH BRANCH TOWNSHIP	42.3%	39.6%	43.2%	0.3%	3.3%	96.7%
44	OREGON TOWNSHIP	44.7%	48.7%	43.7%	0.1%	3.6%	96.4%
44	RICH TOWNSHIP	52.6%	49.8%	52.0%	0.2%	3.4%	96.6%
45	BINGHAM TOWNSHIP	39.2%	44.8%	45.1%	0.1%	5.2%	94.8%
45	CENTERVILLE TOWNSHIP	32.7%	39.7%	40.1%	0.0%	3.5%	96.5%
45	CLEVELAND TOWNSHIP	37.7%	46.9%	41.7%	0.1%	3.2%	96.8%
45	ELMWOOD TOWNSHIP	39.8%	41.4%	25.3%	0.1%	3.6%	96.4%
45	EMPIRE TOWNSHIP	37.2%	50.6%	37.9%	0.0%	1.4%	98.6%
45	GLEN ARBOR TOWNSHIP	33.5%	45.1%	42.9%	0.3%	2.3%	97.7%
45	KASSON TOWNSHIP	35.0%	44.2%	42.9%	0.2%	1.8%	98.2%
45	LEELANAU TOWNSHIP	38.8%	47.3%	37.0%	0.1%	6.6%	93.4%
45	LELAND TOWNSHIP	35.6%	46.5%	20.3%	0.2%	7.1%	92.9%
45	SOLON TOWNSHIP	37.4%	42.9%	38.4%	0.3%	2.9%	97.1%
45	SUTTONS BAY TOWNSHIP	39.5%	44.5%	43.1%	0.6%	22.0%	78.0%
45	TRAVERSE CITY CITY	47.0%	NA	NA	0.0%	7.1%	92.9%
46	ADRIAN CITY	48.4%	45.7%	49.6%	3.7%	21.4%	78.6%
46	ADRIAN TOWNSHIP	42.3%	44.2%	46.5%	1.0%	8.7%	91.3%
46	BLISSFIELD TOWNSHIP	36.5%	38.4%	31.7%	0.3%	5.4%	94.6%
46	CAMBRIDGE TOWNSHIP	41.5%	44.9%	45.9%	0.3%	4.2%	95.8%
46	CLINTON TOWNSHIP	40.6%	39.2%	40.6%	0.3%	3.9%	96.1%
46	DEERFIELD TOWNSHIP	40.1%	41.4%	34.7%	0.2%	6.2%	93.8%
46	DOVER TOWNSHIP	41.7%	42.5%	40.9%	0.4%	8.8%	91.2%
46	FAIRFIELD TOWNSHIP	43.1%	44.1%	42.3%	0.7%	4.4%	95.6%
46	FRANKLIN TOWNSHIP	44.8%	48.3%	47.5%	0.2%	3.4%	96.6%
46	HUDSON CITY	45.8%	48.5%	45.8%	0.5%	5.5%	94.5%
46	HUDSON TOWNSHIP	44.8%	47.8%	44.8%	0.2%	2.9%	97.1%
46	MACON TOWNSHIP	46.2%	50.7%	49.4%	0.4%	2.9%	97.1%

46	MADISON CHARTER TOWNSHIP	40.0%	42.7%	40.2%	16.3%	24.9%	75.1%
46	MEDINA TOWNSHIP	40.3%	40.4%	47.7%	0.1%	3.9%	96.1%
46	MORENCI CITY	48.4%	45.9%	49.1%	0.8%	5.6%	94.4%
46	OGDEN TOWNSHIP	41.1%	43.2%	36.1%	0.1%	3.9%	96.1%
46	PALMYRA TOWNSHIP	43.2%	43.5%	38.8%	0.4%	6.7%	93.3%
46	RAISIN TOWNSHIP	40.6%	43.0%	41.3%	0.6%	6.7%	93.3%
46	RIDGEWAY TOWNSHIP	44.3%	51.4%	47.2%	0.1%	4.7%	95.3%
46	RIGA TOWNSHIP	40.4%	42.9%	27.5%	0.0%	3.8%	96.2%
46	ROLLIN TOWNSHIP	38.8%	45.8%	36.8%	0.2%	3.2%	96.8%
46	ROME TOWNSHIP	38.6%	39.7%	38.6%	0.2%	4.2%	95.8%
46	SENECA TOWNSHIP	40.4%	34.7%	42.3%	0.1%	4.1%	95.9%
46	TECUMSEH CITY	42.7%	46.9%	44.5%	0.3%	5.7%	94.3%
46	TECUMSEH TOWNSHIP	42.3%	44.9%	35.3%	0.7%	6.4%	93.6%
46	WOODSTOCK TOWNSHIP	41.0%	48.1%	38.3%	0.2%	3.1%	96.9%
47	BRIGHTON CITY	42.4%	39.7%	42.1%	0.6%	4.5%	95.5%
47	BRIGHTON CHARTER TOWNSHIP	45.7%	44.2%	42.9%	0.6%	3.8%	96.2%
47	COHOCTAH TOWNSHIP	44.7%	44.0%	44.5%	0.1%	2.9%	97.1%
47	CONWAY TOWNSHIP	41.2%	47.0%	42.3%	0.2%	4.0%	96.0%
47	DEERFIELD TOWNSHIP	51.3%	51.5%	52.1%	0.1%	3.3%	96.7%
47	GENOA TOWNSHIP	48.8%	45.4%	45.6%	0.5%	4.4%	95.6%
47	GREEN OAK TOWNSHIP	43.7%	44.2%	44.5%	0.8%	4.2%	95.8%
47	HAMBURG TOWNSHIP	44.0%	44.8%	42.5%	0.3%	3.0%	97.0%
47	HANDY TOWNSHIP	43.7%	40.0%	41.6%	0.3%	4.0%	96.0%
47	HARTLAND TOWNSHIP	46.4%	42.8%	44.6%	0.5%	4.0%	96.0%
47	HOWELL CITY	45.1%	39.9%	42.5%	0.4%	6.0%	94.0%
47	HOWELL TOWNSHIP	45.3%	42.5%	43.0%	0.4%	3.6%	96.4%
47	IOSCO TOWNSHIP	46.3%	40.5%	42.3%	0.0%	3.0%	97.0%
47	MARION TOWNSHIP	47.5%	44.2%	46.1%	0.1%	3.4%	96.6%
47	OCEOLA TOWNSHIP	45.3%	44.0%	43.9%	0.3%	4.0%	96.0%
47	PUTNAM TOWNSHIP	44.2%	44.0%	42.7%	0.3%	2.7%	97.3%
47	TYRONE TOWNSHIP	49.8%	47.3%	45.6%	0.3%	3.7%	96.3%
47	UNADILLA TOWNSHIP	46.3%	38.0%	39.6%	0.3%	2.8%	97.2%
48	COLUMBUS TOWNSHIP	34.8%	31.6%	30.4%	0.0%	2.9%	97.1%
48	LAKEFIELD TOWNSHIP	41.1%	42.5%	30.8%	0.0%	3.4%	96.6%
48	MCMILLAN TOWNSHIP	45.2%	40.1%	36.8%	0.1%	9.8%	90.2%
48	PENTLAND TOWNSHIP	39.1%	34.8%	33.0%	31.2%	38.9%	61.1%
49	BOIS BLANC TOWNSHIP	26.1%	47.0%	NA	0.0%	10.3%	89.7%
49	BREVORT TOWNSHIP	26.3%	27.4%	NA	0.8%	15.9%	84.1%
49	CLARK TOWNSHIP	26.8%	42.0%	NA	0.1%	13.4%	86.6%
49	GARFIELD TOWNSHIP	42.0%	43.5%	NA	0.0%	13.3%	86.7%
49	HENDRICKS TOWNSHIP	30.5%	19.6%	NA	0.0%	20.5%	79.5%
49	HUDSON TOWNSHIP	37.5%	44.4%	NA	0.0%	32.3%	67.7%
49	MACKINAC ISLAND CITY	36.6%	34.6%	NA	1.2%	24.9%	75.1%
49	MARQUETTE TOWNSHIP	35.2%	43.8%	NA	0.0%	16.4%	83.6%
49	MORAN TOWNSHIP	26.0%	37.3%	NA	0.2%	25.6%	74.4%
49	NEWTON TOWNSHIP	31.2%	39.8%	NA	0.0%	9.2%	90.8%
49	PORTAGE TOWNSHIP	49.1%	37.9%	NA	0.1%	3.6%	96.4%
49	ST IGNACE CITY	31.4%	35.4%	NA	0.9%	32.6%	67.4%
49	ST IGNACE TOWNSHIP	36.0%	41.8%	NA	0.5%	34.0%	66.0%
50	ARMADA TOWNSHIP	32.3%	33.1%	36.4%	0.4%	2.8%	97.2%
50	BRUCE TOWNSHIP	38.3%	38.3%	35.4%	1.6%	6.7%	93.3%
50	CENTER LINE CITY	53.3%	49.1%	51.7%	10.1%	15.2%	84.8%

50	CHESTERFIELD TOWNSHIP	40.1%	40.1%	38.9%	4.4%	8.5%	91.5%
50	CLINTON TOWNSHIP	46.8%	44.6%	44.7%	11.1%	16.2%	83.8%
50	EASTPOINTE CITY	63.8%	57.7%	55.5%	25.2%	29.9%	70.1%
50	FRASER CITY	44.5%	41.3%	43.4%	3.4%	7.7%	92.3%
50	GROSSE POINTE SHORES CITY	34.0%	38.8%	38.0%	0.0%	9.6%	90.4%
50	HARRISON TOWNSHIP	40.9%	42.8%	41.9%	6.6%	10.5%	89.5%
50	LENOX TOWNSHIP	43.8%	38.1%	39.0%	15.6%	21.0%	79.0%
50	MACOMB TOWNSHIP	39.7%	43.6%	37.6%	3.7%	9.6%	90.4%
50	MEMPHIS CITY	47.8%	46.9%	49.9%	0.3%	3.0%	97.0%
50	MOUNT CLEMENS CITY	52.4%	38.1%	37.8%	22.7%	27.5%	72.5%
50	NEW BALTIMORE CITY	39.9%	35.2%	32.2%	2.5%	6.2%	93.8%
50	RAY TOWNSHIP	34.0%	39.6%	38.3%	0.4%	3.0%	97.0%
50	RICHMOND CITY	39.9%	38.0%	36.4%	0.8%	5.7%	94.3%
50	RICHMOND TOWNSHIP	34.6%	48.5%	50.4%	1.1%	3.9%	96.1%
50	ROSEVILLE CITY	53.1%	42.2%	43.6%	10.2%	15.4%	84.6%
50	ST CLAIR SHORES CITY	44.6%	40.5%	40.0%	3.4%	7.1%	92.9%
50	SHELBY CHARTER TOWNSHIP	43.6%	42.6%	46.0%	2.7%	9.1%	90.9%
50	STERLING HEIGHTS CITY	48.0%	39.9%	42.2%	4.6%	14.5%	85.5%
50	UTICA CITY	40.5%	42.5%	46.5%	1.7%	10.1%	89.9%
50	WARREN CITY	54.0%	47.7%	50.4%	11.5%	19.2%	80.8%
50	WASHINGTON TOWNSHIP	41.6%	38.8%	40.9%	1.4%	6.3%	93.7%
51	ARCADIA TOWNSHIP	36.6%	NA	NA	0.0%	4.4%	95.6%
51	BEAR LAKE TOWNSHIP	36.2%	NA	NA	0.1%	3.5%	96.5%
51	BROWN TOWNSHIP	41.3%	NA	NA	0.2%	3.4%	96.6%
51	CLEON TOWNSHIP	42.1%	NA	NA	0.0%	6.3%	93.7%
51	DICKSON TOWNSHIP	48.0%	NA	NA	0.0%	4.0%	96.0%
51	FILER TOWNSHIP	33.2%	NA	NA	0.2%	3.9%	96.1%
51	MANISTEE CITY	39.9%	NA	NA	0.5%	7.9%	92.1%
51	MANISTEE TOWNSHIP	38.7%	NA	NA	18.5%	24.3%	75.7%
51	MAPLE GROVE TOWNSHIP	41.4%	NA	NA	0.1%	5.4%	94.6%
51	MARILLA TOWNSHIP	32.1%	NA	NA	0.0%	4.8%	95.2%
51	NORMAN TOWNSHIP	37.0%	NA	NA	0.5%	5.6%	94.4%
51	ONEKAMA TOWNSHIP	49.2%	NA	NA	0.1%	2.8%	97.2%
51	PLEASANTON TOWNSHIP	43.7%	NA	NA	0.0%	2.1%	97.9%
51	SPRINGDALE TOWNSHIP	45.1%	NA	NA	0.0%	2.0%	98.0%
51	STRONACH TOWNSHIP	28.3%	NA	NA	0.1%	5.2%	94.8%
52	CHAMPION TOWNSHIP	36.3%	49.1%	43.2%	0.0%	1.3%	98.7%
52	CHOCOLAY TOWNSHIP	36.4%	42.0%	34.4%	0.3%	5.2%	94.8%
52	ELY TOWNSHIP	41.7%	46.1%	44.5%	0.1%	2.1%	97.9%
52	EWING TOWNSHIP	38.4%	45.9%	36.0%	0.0%	3.4%	96.6%
52	FORSYTH TOWNSHIP	36.8%	38.1%	40.0%	1.0%	6.8%	93.2%
52	HUMBOLDT TOWNSHIP	29.1%	35.6%	38.6%	0.0%	1.0%	99.0%
52	ISHPEMING CITY	40.4%	43.1%	43.8%	0.2%	3.2%	96.8%
52	ISHPEMING TOWNSHIP	38.5%	44.0%	36.8%	0.1%	2.5%	97.5%
52	MARQUETTE CITY	41.5%	40.2%	37.4%	4.8%	9.6%	90.4%
52	MARQUETTE TOWNSHIP	38.0%	43.5%	31.4%	0.4%	5.5%	94.5%
52	MICHIGAMME TOWNSHIP	21.8%	33.9%	26.4%	0.0%	3.0%	97.0%
52	NEGAUNEE CITY	36.1%	41.5%	38.6%	0.1%	3.1%	96.9%
52	NEGAUNEE TOWNSHIP	32.8%	41.2%	39.3%	0.2%	3.7%	96.3%
52	POWELL TOWNSHIP	31.2%	44.5%	37.5%	0.1%	3.9%	96.1%
52	REPUBLIC TOWNSHIP	28.9%	41.7%	26.2%	0.1%	2.5%	97.5%
52	RICHMOND TOWNSHIP	46.9%	55.4%	50.7%	0.0%	3.5%	96.5%

52	SANDS TOWNSHIP	37.9%	42.8%	35.2%	0.3%	5.3%	94.7%
52	SKANDIA TOWNSHIP	37.4%	42.5%	39.7%	0.2%	4.7%	95.3%
52	TILDEN TOWNSHIP	38.5%	40.2%	39.4%	0.1%	2.2%	97.8%
52	TURIN TOWNSHIP	38.4%	45.5%	37.3%	0.0%	3.2%	96.8%
52	WELLS TOWNSHIP	31.6%	48.5%	48.8%	0.0%	0.5%	99.5%
52	WEST BRANCH TOWNSHIP	35.2%	35.6%	32.2%	1.9%	9.3%	90.7%
53	AMBER TOWNSHIP	44.4%	45.6%	39.6%	0.4%	4.9%	95.1%
53	BRANCH TOWNSHIP	45.5%	37.8%	37.5%	0.4%	3.1%	96.9%
53	CUSTER TOWNSHIP	39.9%	43.1%	32.8%	0.2%	4.7%	95.3%
53	EDEN TOWNSHIP	41.0%	42.9%	32.1%	0.2%	4.7%	95.3%
53	FREE SOIL TOWNSHIP	43.4%	43.6%	38.1%	0.9%	3.9%	96.1%
53	GRANT TOWNSHIP	38.1%	52.9%	36.7%	0.0%	4.3%	95.7%
53	HAMLIN TOWNSHIP	45.3%	43.6%	38.8%	0.3%	3.5%	96.5%
53	LOGAN TOWNSHIP	53.1%	53.0%	54.1%	0.0%	2.5%	97.5%
53	LUDINGTON CITY	44.6%	48.3%	40.8%	0.8%	7.7%	92.3%
53	MEADE TOWNSHIP	46.7%	50.0%	38.3%	0.0%	7.3%	92.7%
53	PERE MARQUETTE CHARTER TWP	45.6%	46.6%	41.1%	0.3%	4.6%	95.4%
53	RIVERTON TOWNSHIP	47.3%	47.5%	39.9%	0.1%	7.8%	92.2%
53	SCOTTVILLE CITY	44.3%	47.9%	38.1%	1.0%	7.0%	93.0%
53	SHERIDAN TOWNSHIP	45.1%	50.1%	38.5%	0.0%	3.5%	96.5%
53	SHERMAN TOWNSHIP	40.3%	41.0%	32.1%	0.3%	5.3%	94.7%
53	SUMMIT TOWNSHIP	45.5%	46.0%	42.5%	0.0%	2.6%	97.4%
53	VICTORY TOWNSHIP	43.9%	45.4%	38.3%	0.4%	4.1%	95.9%
54	AETNA TOWNSHIP	55.1%	49.1%	52.9%	0.7%	4.2%	95.8%
54	AUSTIN TOWNSHIP	52.2%	49.4%	53.2%	0.9%	4.1%	95.9%
54	BIG RAPIDS CITY	50.0%	44.0%	44.6%	6.2%	12.2%	87.8%
54	BIG RAPIDS TOWNSHIP	48.5%	49.6%	45.7%	2.2%	6.6%	93.4%
54	CHIPPEWA TOWNSHIP	52.6%	49.9%	48.7%	0.2%	2.3%	97.7%
54	COLFAX TOWNSHIP	53.4%	44.6%	43.2%	0.7%	3.7%	96.3%
54	DEERFIELD TOWNSHIP	57.8%	53.3%	55.1%	0.7%	3.9%	96.1%
54	FORK TOWNSHIP	50.6%	45.1%	49.3%	1.2%	4.4%	95.6%
54	GRANT TOWNSHIP	42.6%	46.0%	46.9%	0.2%	2.8%	97.2%
54	GREEN TOWNSHIP	51.4%	47.4%	58.0%	0.8%	3.2%	96.8%
54	MARTINY TOWNSHIP	54.1%	57.7%	51.5%	0.2%	2.5%	97.5%
54	MECOSTA TOWNSHIP	52.3%	49.1%	45.6%	0.5%	3.8%	96.2%
54	MILLBROOK TOWNSHIP	58.8%	55.4%	52.9%	0.5%	3.9%	96.1%
54	MORTON TOWNSHIP	30.7%	57.4%	24.2%	1.4%	4.5%	95.5%
54	SHERIDAN TOWNSHIP	51.0%	50.1%	50.0%	2.3%	8.9%	91.1%
54	WHEATLAND TOWNSHIP	46.1%	31.6%	41.8%	1.2%	5.5%	94.5%
55	CEDARVILLE TOWNSHIP	41.2%	43.3%	35.1%	0.4%	3.1%	96.9%
55	DAGGETT TOWNSHIP	42.4%	37.1%	37.2%	1.5%	7.9%	92.1%
55	FAITHORN TOWNSHIP	32.0%	42.7%	47.2%	0.0%	4.3%	95.7%
55	GOURLEY TOWNSHIP	38.7%	40.3%	39.2%	0.0%	7.3%	92.7%
55	HARRIS TOWNSHIP	40.8%	41.9%	38.3%	0.1%	22.6%	77.4%
55	HOLMES TOWNSHIP	46.4%	44.4%	44.8%	0.7%	2.9%	97.1%
55	INGALLSTON TOWNSHIP	41.9%	44.0%	34.8%	0.0%	1.8%	98.2%
55	LAKE TOWNSHIP	34.7%	38.2%	25.8%	0.0%	0.9%	99.1%
55	MELLEN TOWNSHIP	46.0%	38.0%	40.0%	0.1%	1.9%	98.1%
55	MENOMINEE CITY	46.6%	48.7%	44.0%	0.3%	3.0%	97.0%
55	MENOMINEE TOWNSHIP	38.4%	38.0%	33.7%	0.1%	1.7%	98.3%
55	MEYER TOWNSHIP	32.6%	38.5%	27.3%	0.4%	2.1%	97.9%
55	NADEAU TOWNSHIP	34.5%	37.9%	28.0%	0.0%	1.9%	98.1%

55	SPALDING TOWNSHIP	25.4%	29.7%	26.9%	0.0%	1.5%	98.5%
55	STEPHENSON CITY	47.2%	47.7%	41.2%	0.0%	2.1%	97.9%
55	STEPHENSON TOWNSHIP	45.2%	52.8%	38.2%	0.0%	2.8%	97.2%
56	COLEMAN CITY	49.1%	48.3%	50.0%	0.2%	4.2%	95.8%
56	EDENVILLE TOWNSHIP	43.6%	46.4%	39.2%	0.0%	2.7%	97.3%
56	GENEVA TOWNSHIP	41.9%	47.2%	39.1%	0.0%	2.5%	97.5%
56	GREENDALE TOWNSHIP	52.6%	49.2%	41.8%	0.1%	5.7%	94.3%
56	HOMER TOWNSHIP	39.2%	43.4%	39.9%	0.5%	3.7%	96.3%
56	HOPE TOWNSHIP	43.5%	44.8%	41.3%	0.5%	2.6%	97.4%
56	INGERSOLL TOWNSHIP	14.7%	44.2%	38.6%	0.5%	3.4%	96.6%
56	JASPER TOWNSHIP	51.9%	51.2%	49.0%	0.0%	4.2%	95.8%
56	JEROME TOWNSHIP	41.5%	34.3%	35.5%	0.1%	2.4%	97.6%
56	LARKIN TOWNSHIP	36.4%	42.4%	40.7%	0.7%	4.4%	95.6%
56	LEE TOWNSHIP	45.9%	45.1%	44.7%	0.2%	2.4%	97.6%
56	LINCOLN TOWNSHIP	44.9%	46.8%	43.5%	0.1%	2.0%	98.0%
56	MIDLAND CITY	44.3%	44.9%	46.1%	2.0%	8.6%	91.4%
56	MIDLAND TOWNSHIP	40.0%	41.8%	38.3%	0.7%	3.2%	96.8%
56	MILLS TOWNSHIP	45.2%	47.8%	42.3%	0.1%	3.2%	96.8%
56	MOUNT HALEY TOWNSHIP	43.4%	42.7%	36.8%	0.0%	3.0%	97.0%
56	PORTER TOWNSHIP	48.8%	53.5%	48.5%	0.0%	3.2%	96.8%
56	WARREN TOWNSHIP	49.0%	51.7%	50.6%	0.0%	2.1%	97.9%
57	AETNA TOWNSHIP	48.1%	60.5%	54.1%	0.0%	3.9%	96.1%
57	BLOOMFIELD TOWNSHIP	49.6%	56.0%	54.2%	0.2%	3.7%	96.3%
57	BUTTERFIELD TOWNSHIP	35.4%	42.1%	42.7%	0.3%	2.1%	97.9%
57	CALDWELL TOWNSHIP	43.3%	48.0%	48.1%	0.4%	3.3%	96.7%
57	CLAM UNION TOWNSHIP	61.9%	72.9%	73.2%	0.2%	3.7%	96.3%
57	ENTERPRISE TOWNSHIP	40.8%	60.0%	54.0%	0.0%	2.0%	98.0%
57	FOREST TOWNSHIP	48.4%	60.4%	56.3%	0.2%	4.1%	95.9%
57	HOLLAND TOWNSHIP	51.2%	67.0%	62.9%	0.0%	5.1%	94.9%
57	LAKE TOWNSHIP	42.3%	50.8%	48.4%	0.2%	3.1%	96.9%
57	LAKE CITY CITY	34.9%	42.6%	36.5%	0.2%	3.3%	96.7%
57	MCBAIN CITY	53.2%	62.7%	57.6%	0.2%	3.3%	96.7%
57	NORWICH TOWNSHIP	39.0%	49.3%	46.3%	0.0%	2.2%	97.8%
57	PIONEER TOWNSHIP	37.1%	45.4%	42.4%	0.0%	2.5%	97.5%
57	RICHLAND TOWNSHIP	46.2%	58.9%	54.3%	0.0%	2.4%	97.6%
57	RIVERSIDE TOWNSHIP	52.4%	61.2%	58.7%	0.1%	3.0%	97.0%
57	WEST BRANCH TOWNSHIP	39.2%	48.3%	45.3%	0.5%	3.4%	96.6%
58	ASH TOWNSHIP	39.4%	41.9%	37.5%	0.6%	3.5%	96.5%
58	BEDFORD TOWNSHIP	36.2%	41.3%	26.7%	0.5%	4.0%	96.0%
58	BERLIN TOWNSHIP	39.3%	41.6%	40.3%	1.3%	5.2%	94.8%
58	DUNDEE TOWNSHIP	35.2%	38.7%	28.2%	0.6%	4.0%	96.0%
58	ERIE TOWNSHIP	30.9%	40.0%	25.6%	0.7%	5.9%	94.1%
58	EXETER TOWNSHIP	34.8%	40.7%	37.0%	4.8%	7.8%	92.2%
58	FRENCHTOWN TOWNSHIP	38.5%	40.3%	28.5%	1.6%	6.9%	93.1%
58	IDA TOWNSHIP	31.1%	37.9%	34.1%	0.2%	2.2%	97.8%
58	LA SALLE TOWNSHIP	33.9%	39.6%	26.6%	0.5%	4.0%	96.0%
58	LONDON TOWNSHIP	44.4%	48.2%	45.5%	9.3%	14.2%	85.8%
58	LUNA PIER CITY	38.2%	43.2%	41.0%	0.5%	6.5%	93.5%
58	MILAN TOWNSHIP	40.1%	45.5%	41.2%	0.3%	4.2%	95.8%
58	MILAN CITY	47.3%	47.1%	37.7%	2.1%	7.4%	92.6%
58	MONROE CITY	39.5%	40.2%	28.7%	5.4%	10.9%	89.1%
58	MONROE TOWNSHIP	38.4%	39.8%	27.1%	2.2%	7.3%	92.7%

58	PETERSBURG CITY	39.4%	40.8%	39.6%	0.3%	2.9%	97.1%
58	RAISINVILLE TOWNSHIP	37.6%	42.0%	25.7%	1.1%	3.7%	96.3%
58	SUMMERFIELD TOWNSHIP	31.6%	38.5%	27.4%	0.2%	3.4%	96.6%
58	WHITEFORD TOWNSHIP	36.0%	43.5%	30.9%	1.4%	4.2%	95.8%
59	BELVIDERE TOWNSHIP	43.9%	45.6%	44.9%	0.3%	4.0%	96.0%
59	BLOOMER TOWNSHIP	54.1%	51.8%	52.5%	35.7%	38.2%	61.8%
59	BUSHNELL TOWNSHIP	58.5%	50.4%	51.6%	0.2%	3.7%	96.3%
59	CARSON CITY CITY	46.6%	52.9%	45.2%	0.2%	4.2%	95.8%
59	CATO TOWNSHIP	56.0%	52.7%	49.2%	0.1%	3.6%	96.4%
59	CRYSTAL TOWNSHIP	46.4%	46.1%	43.1%	0.3%	3.0%	97.0%
59	DAY TOWNSHIP	57.2%	56.6%	48.6%	0.3%	4.1%	95.9%
59	DOUGLASS TOWNSHIP	50.6%	46.8%	48.1%	0.3%	4.1%	95.9%
59	EUREKA TOWNSHIP	48.0%	43.5%	39.4%	0.4%	6.4%	93.6%
59	EVERGREEN TOWNSHIP	50.0%	43.6%	45.4%	0.2%	3.3%	96.7%
59	FAIRPLAIN TOWNSHIP	49.6%	45.2%	44.9%	0.9%	4.0%	96.0%
59	FERRIS TOWNSHIP	52.1%	56.1%	49.7%	0.0%	2.9%	97.1%
59	GREENVILLE CITY	50.3%	46.6%	45.1%	0.3%	5.9%	94.1%
59	HOME TOWNSHIP	50.5%	47.7%	49.2%	0.5%	5.0%	95.0%
59	MAPLE VALLEY TOWNSHIP	46.6%	53.1%	51.9%	0.4%	4.0%	96.0%
59	MONTCALM TOWNSHIP	45.8%	44.8%	37.2%	0.1%	2.9%	97.1%
59	PIERSON TOWNSHIP	51.7%	52.3%	52.7%	0.1%	4.1%	95.9%
59	PINE TOWNSHIP	48.4%	48.8%	50.8%	0.3%	2.8%	97.2%
59	REYNOLDS TOWNSHIP	57.9%	53.8%	54.5%	0.5%	3.8%	96.2%
59	RICHLAND TOWNSHIP	48.1%	49.0%	46.4%	0.7%	3.9%	96.1%
59	SIDNEY TOWNSHIP	45.1%	47.2%	40.3%	0.1%	3.4%	96.6%
59	STANTON CITY	45.7%	41.6%	40.8%	2.4%	9.8%	90.2%
59	WINFIELD TOWNSHIP	54.5%	58.2%	46.2%	0.2%	2.2%	97.8%
60	ALBERT TOWNSHIP	35.1%	49.8%	38.1%	0.1%	2.3%	97.7%
60	AVERY TOWNSHIP	49.8%	50.0%	46.4%	0.0%	1.1%	98.9%
60	BRILEY TOWNSHIP	38.6%	46.6%	27.1%	0.3%	3.4%	96.6%
60	HILLMAN TOWNSHIP	41.0%	43.3%	35.8%	0.2%	2.0%	98.0%
60	LOUD TOWNSHIP	48.1%	41.8%	32.8%	0.0%	1.9%	98.1%
60	MONTMORENCY TOWNSHIP	43.9%	47.4%	38.1%	0.0%	2.5%	97.5%
60	RUST TOWNSHIP	44.1%	45.7%	39.5%	0.0%	3.4%	96.6%
60	VIENNA TOWNSHIP	43.6%	44.1%	30.7%	0.0%	2.8%	97.2%
61	BLUE LAKE TOWNSHIP	38.7%	42.9%	36.9%	2.1%	8.1%	91.9%
61	CASNOVIA TOWNSHIP	50.9%	56.5%	53.6%	0.5%	7.8%	92.2%
61	CEDAR CREEK TOWNSHIP	46.0%	21.7%	48.9%	0.9%	4.0%	96.0%
61	DALTON TOWNSHIP	41.5%	44.6%	41.6%	1.6%	6.2%	93.8%
61	EGELSTON TOWNSHIP	41.1%	42.6%	43.0%	1.0%	7.5%	92.5%
61	FRUITLAND TOWNSHIP	37.2%	45.6%	39.0%	0.6%	4.4%	95.6%
61	FRUITPORT TOWNSHIP	36.2%	40.4%	35.8%	1.2%	5.7%	94.3%
61	HOLTON TOWNSHIP	39.9%	46.4%	42.8%	0.4%	5.0%	95.0%
61	LAKETON TOWNSHIP	36.8%	40.3%	37.1%	1.6%	5.5%	94.5%
61	MONTAGUE CITY	40.3%	41.9%	38.2%	0.4%	5.1%	94.9%
61	MONTAGUE TOWNSHIP	37.3%	41.7%	39.3%	0.7%	6.2%	93.8%
61	MOORLAND TOWNSHIP	42.3%	41.7%	40.1%	0.2%	4.1%	95.9%
61	MUSKEGON CITY	58.5%	55.0%	55.6%	32.4%	42.0%	58.0%
61	MUSKEGON TOWNSHIP	44.4%	74.4%	72.3%	5.2%	11.3%	88.7%
61	MUSKEGON HEIGHTS CITY	79.4%	44.9%	44.7%	76.4%	82.5%	17.5%
61	NORTH MUSKEGON CITY	33.0%	40.0%	37.3%	1.7%	5.4%	94.6%
61	NORTON SHORES CITY	38.9%	42.0%	41.4%	2.8%	8.7%	91.3%

61	RAVENNA TOWNSHIP	43.2%	45.5%	44.6%	0.1%	5.3%	94.7%
61	ROOSEVELT PARK CITY	41.2%	39.5%	41.5%	7.5%	13.3%	86.7%
61	SULLIVAN TOWNSHIP	41.1%	45.6%	42.3%	0.6%	3.1%	96.9%
61	WHITEHALL CITY	41.7%	44.6%	43.7%	1.0%	4.9%	95.1%
61	WHITEHALL TOWNSHIP	36.3%	38.1%	42.0%	0.5%	4.9%	95.1%
61	WHITE RIVER TOWNSHIP	40.1%	41.4%	37.2%	0.8%	4.0%	96.0%
62	ASHLAND TOWNSHIP	53.4%	52.1%	48.8%	0.1%	11.6%	88.4%
62	BARTON TOWNSHIP	43.2%	46.7%	48.6%	0.0%	2.7%	97.3%
62	BEAVER TOWNSHIP	47.4%	45.3%	45.1%	1.1%	6.1%	93.9%
62	BIG PRAIRIE TOWNSHIP	49.9%	51.2%	46.0%	0.3%	4.2%	95.8%
62	BRIDGETON TOWNSHIP	53.4%	53.3%	49.0%	0.1%	4.6%	95.4%
62	BROOKS TOWNSHIP	49.7%	49.5%	48.2%	0.3%	6.9%	93.1%
62	CROTON TOWNSHIP	53.6%	55.2%	41.3%	0.2%	4.2%	95.8%
62	DAYTON TOWNSHIP	53.4%	50.4%	49.2%	0.6%	3.0%	97.0%
62	DENVER TOWNSHIP	50.7%	50.4%	48.1%	0.4%	6.6%	93.4%
62	ENSLEY TOWNSHIP	55.7%	56.3%	52.8%	0.2%	4.1%	95.9%
62	EVERETT TOWNSHIP	42.8%	51.3%	46.3%	1.4%	6.0%	94.0%
62	FREMONT CITY	50.9%	54.4%	50.2%	0.4%	5.7%	94.3%
62	GARFIELD TOWNSHIP	50.8%	55.7%	52.4%	0.2%	8.4%	91.6%
62	GOODWELL TOWNSHIP	55.7%	46.8%	40.5%	0.9%	4.2%	95.8%
62	GRANT CITY	49.3%	56.2%	55.5%	0.2%	9.4%	90.6%
62	GRANT TOWNSHIP	52.1%	55.6%	48.2%	0.4%	12.6%	87.4%
62	HOME TOWNSHIP	53.7%	61.8%	54.3%	0.0%	5.6%	94.4%
62	LILLEY TOWNSHIP	43.7%	59.8%	31.3%	3.5%	7.9%	92.1%
62	LINCOLN TOWNSHIP	47.5%	53.1%	44.6%	1.6%	8.2%	91.8%
62	MERRILL TOWNSHIP	56.8%	61.5%	53.1%	18.0%	23.3%	76.7%
62	MONROE TOWNSHIP	51.7%	44.8%	38.8%	2.0%	5.5%	94.5%
62	NEWAYGO CITY	52.5%	56.2%	47.3%	0.8%	8.9%	91.1%
62	NORWICH TOWNSHIP	61.8%	62.7%	54.7%	1.1%	4.8%	95.2%
62	SHERIDAN CHARTER TOWNSHIP	51.7%	54.5%	47.8%	0.3%	5.0%	95.0%
62	SHERMAN TOWNSHIP	52.3%	51.6%	52.1%	0.7%	3.7%	96.3%
62	TROY TOWNSHIP	41.1%	45.1%	50.8%	0.9%	5.1%	94.9%
62	WHITE CLOUD CITY	50.1%	44.5%	47.8%	8.8%	18.5%	81.5%
62	WILCOX TOWNSHIP	51.8%	49.6%	47.2%	1.4%	5.8%	94.2%
63	ADDISON TOWNSHIP	48.5%	48.9%	45.9%	0.5%	4.6%	95.4%
63	AUBURN HILLS CITY	53.7%	51.7%	52.3%	17.1%	34.3%	65.7%
63	BERKLEY CITY	40.2%	37.2%	41.7%	2.5%	6.7%	93.3%
63	BIRMINGHAM CITY	44.0%	44.7%	45.4%	2.8%	8.0%	92.0%
63	BLOOMFIELD TOWNSHIP	51.2%	52.0%	51.8%	6.6%	16.9%	83.1%
63	BLOOMFIELD HILLS CITY	50.3%	51.4%	52.2%	3.5%	13.1%	86.9%
63	BRANDON TOWNSHIP	44.1%	45.1%	43.7%	0.7%	4.6%	95.4%
63	CLAWSON CITY	41.6%	40.2%	41.2%	1.8%	7.0%	93.0%
63	COMMERCE TOWNSHIP	41.5%	43.6%	44.0%	1.5%	7.0%	93.0%
63	FARMINGTON CITY	47.9%	46.2%	47.2%	10.9%	27.0%	73.0%
63	FARMINGTON HILLS CITY	53.3%	49.7%	50.7%	16.4%	29.1%	70.9%
63	FERNDALE CITY	46.1%	44.9%	47.6%	7.9%	14.3%	85.7%
63	GROVELAND TOWNSHIP	46.0%	47.9%	46.7%	0.8%	4.0%	96.0%
63	HAZEL PARK CITY	53.9%	49.3%	51.6%	7.9%	15.4%	84.6%
63	HIGHLAND TOWNSHIP	41.8%	46.3%	45.2%	0.4%	3.5%	96.5%
63	HOLLY TOWNSHIP	47.1%	45.8%	45.6%	2.2%	7.0%	93.0%
63	HUNTINGTON WOODS CITY	39.5%	38.4%	39.3%	1.0%	4.2%	95.8%
63	INDEPENDENCE TOWNSHIP	45.9%	46.6%	44.1%	1.8%	8.1%	91.9%

63	KEEGO HARBOR CITY	50.8%	45.7%	47.8%	4.6%	17.6%	82.4%
63	LAKE ANGELUS CITY	51.0%	54.3%	51.0%	0.4%	4.7%	95.3%
63	LATHRUP VILLAGE CITY	60.4%	59.6%	55.1%	59.1%	63.4%	36.6%
63	LYON TOWNSHIP	45.4%	46.9%	48.6%	1.4%	6.6%	93.4%
63	MADISON HEIGHTS CITY	50.7%	47.7%	49.7%	5.7%	16.2%	83.8%
63	MILFORD TOWNSHIP	45.2%	44.9%	43.8%	0.8%	4.7%	95.3%
63	NORTHVILLE CITY	45.0%	45.6%	47.1%	1.5%	6.7%	93.3%
63	NOVI CITY	50.3%	46.4%	48.3%	7.7%	26.0%	74.0%
63	NOVI TOWNSHIP	51.4%	47.1%	46.1%	0.0%	4.8%	95.2%
63	OAKLAND CHARTER TOWNSHIP	49.5%	66.0%	63.6%	2.3%	9.9%	90.1%
63	OAK PARK CITY	68.3%	51.9%	51.5%	55.5%	60.9%	39.1%
63	ORCHARD LAKE VILLAGE CITY	56.6%	49.4%	55.7%	5.6%	14.6%	85.4%
63	ORION TOWNSHIP	44.5%	45.4%	44.4%	2.4%	8.8%	91.2%
63	OXFORD TOWNSHIP	37.6%	44.4%	44.8%	1.1%	5.8%	94.2%
63	PLEASANT RIDGE CITY	40.8%	41.1%	39.3%	1.5%	5.3%	94.7%
63	PONTIAC CITY	74.1%	72.0%	71.9%	50.1%	68.4%	31.6%
63	ROCHESTER CITY	46.5%	45.1%	45.8%	3.5%	12.0%	88.0%
63	ROCHESTER HILLS CITY	47.4%	46.6%	46.9%	4.2%	17.6%	82.4%
63	ROSE TOWNSHIP	45.9%	47.4%	43.9%	1.0%	5.1%	94.9%
63	ROYAL OAK CITY	42.4%	42.3%	42.2%	3.9%	9.7%	90.3%
63	ROYAL OAK TOWNSHIP	79.9%	82.1%	77.0%	95.6%	98.7%	1.3%
63	SOUTHFIELD CITY	70.5%	42.6%	46.4%	68.1%	73.2%	26.8%
63	SOUTHFIELD TOWNSHIP	35.7%	68.0%	64.1%	6.5%	11.8%	88.2%
63	SOUTH LYON CITY	44.2%	46.0%	45.5%	0.8%	5.6%	94.4%
63	SPRINGFIELD TOWNSHIP	45.2%	45.2%	45.5%	1.1%	5.3%	94.7%
63	SYLVAN LAKE CITY	46.0%	44.4%	41.3%	2.0%	5.4%	94.6%
63	TROY CITY	47.4%	45.5%	45.6%	3.7%	24.7%	75.3%
63	VILLAGE OF CLARKSTON CITY	40.7%	37.0%	43.2%	0.1%	2.7%	97.3%
63	WALLED LAKE CITY	51.1%	45.3%	50.2%	3.7%	11.2%	88.8%
63	WATERFORD TOWNSHIP	44.3%	45.2%	43.3%	4.0%	12.0%	88.0%
63	WEST BLOOMFIELD TOWNSHIP	50.0%	48.1%	46.1%	10.7%	21.8%	78.2%
63	WHITE LAKE TOWNSHIP	43.7%	44.2%	44.3%	1.1%	5.5%	94.5%
63	WIXOM CITY	47.4%	43.8%	48.8%	10.9%	21.6%	78.4%
64	BENONA TOWNSHIP	51.2%	NA	50.1%	0.0%	6.7%	93.3%
64	CLAYBANKS TOWNSHIP	45.0%	NA	45.2%	0.0%	7.3%	92.7%
64	COLFAX TOWNSHIP	53.7%	NA	52.8%	0.5%	12.1%	87.9%
64	CRYSTAL TOWNSHIP	47.7%	NA	41.1%	0.0%	20.8%	79.2%
64	ELBRIDGE TOWNSHIP	32.8%	NA	25.5%	0.4%	13.3%	86.7%
64	FERRY TOWNSHIP	47.5%	NA	45.4%	0.1%	9.0%	91.0%
64	GOLDEN TOWNSHIP	57.1%	NA	49.3%	0.0%	6.7%	93.3%
64	GRANT TOWNSHIP	50.9%	NA	48.6%	0.7%	13.1%	86.9%
64	GREENWOOD TOWNSHIP	47.8%	NA	53.9%	0.0%	4.5%	95.5%
64	HART CITY	50.4%	NA	47.9%	0.4%	22.4%	77.6%
64	HART TOWNSHIP	43.4%	NA	41.0%	0.1%	12.3%	87.7%
64	LEAVITT TOWNSHIP	41.6%	NA	43.3%	0.9%	15.0%	85.0%
64	NEWFIELD TOWNSHIP	47.0%	NA	43.2%	0.1%	5.1%	94.9%
64	OTTO TOWNSHIP	55.7%	NA	47.1%	1.0%	8.3%	91.7%
64	PENTWATER TOWNSHIP	39.4%	NA	36.2%	0.1%	3.1%	96.9%
64	SHELBY TOWNSHIP	47.6%	NA	43.7%	0.2%	24.0%	76.0%
64	WEARE TOWNSHIP	48.1%	NA	37.9%	0.0%	7.6%	92.4%
65	CHURCHILL TOWNSHIP	37.0%	NA	NA	0.0%	2.0%	98.0%
65	CUMMING TOWNSHIP	28.6%	NA	NA	0.0%	1.8%	98.2%

65	EDWARDS TOWNSHIP	26.8%	NA	NA	0.1%	2.1%	97.9%
65	FOSTER TOWNSHIP	42.1%	NA	NA	0.1%	2.6%	97.4%
65	GOODAR TOWNSHIP	40.9%	NA	NA	0.0%	2.3%	97.7%
65	HILL TOWNSHIP	39.5%	NA	NA	0.0%	1.7%	98.3%
65	HORTON TOWNSHIP	37.9%	NA	NA	0.0%	1.8%	98.2%
65	KLACKING TOWNSHIP	38.2%	NA	NA	0.8%	2.8%	97.2%
65	LOGAN TOWNSHIP	38.8%	NA	NA	0.0%	1.3%	98.7%
65	MILLS TOWNSHIP	41.8%	NA	NA	0.1%	5.0%	95.0%
65	OGEMAW TOWNSHIP	29.7%	NA	NA	0.1%	3.0%	97.0%
65	RICHLAND TOWNSHIP	36.9%	NA	NA	0.0%	4.6%	95.4%
65	ROSE TOWNSHIP	42.3%	NA	NA	0.0%	2.2%	97.8%
65	ROSE CITY CITY	44.6%	NA	NA	0.2%	2.8%	97.2%
65	WEST BRANCH CITY	33.5%	NA	NA	0.5%	4.1%	95.9%
65	WEST BRANCH TOWNSHIP	31.2%	NA	NA	0.2%	3.2%	96.8%
66	BERGLAND TOWNSHIP	21.5%	NA	NA	0.0%	2.9%	97.1%
66	BOHEMIA TOWNSHIP	31.6%	NA	NA	0.0%	6.4%	93.6%
66	CARP LAKE TOWNSHIP	32.2%	NA	NA	0.2%	3.7%	96.3%
66	GREENLAND TOWNSHIP	27.5%	NA	NA	0.0%	1.6%	98.4%
66	HAIGHT TOWNSHIP	36.3%	NA	NA	0.5%	4.6%	95.4%
66	INTERIOR TOWNSHIP	33.5%	NA	NA	0.0%	2.8%	97.2%
66	MCMILLAN TOWNSHIP	27.9%	NA	NA	0.0%	2.7%	97.3%
66	MATCHWOOD TOWNSHIP	24.2%	NA	NA	1.1%	1.1%	98.9%
66	ONTONAGON TOWNSHIP	25.5%	NA	NA	0.0%	2.7%	97.3%
66	ROCKLAND TOWNSHIP	28.1%	NA	NA	0.5%	3.1%	96.9%
66	STANNARD TOWNSHIP	35.2%	NA	NA	0.0%	2.8%	97.2%
67	BURDELL TOWNSHIP	47.3%	40.7%	42.3%	0.0%	4.1%	95.9%
67	CEDAR TOWNSHIP	44.5%	48.6%	44.2%	0.0%	3.1%	96.9%
67	EVART CITY	50.7%	51.0%	52.8%	0.6%	4.3%	95.7%
67	EVART TOWNSHIP	50.9%	49.7%	52.0%	0.3%	2.9%	97.1%
67	HARTWICK TOWNSHIP	56.5%	61.1%	50.5%	0.2%	4.1%	95.9%
67	HERSEY TOWNSHIP	50.5%	48.9%	44.9%	0.1%	2.6%	97.4%
67	HIGHLAND TOWNSHIP	53.9%	66.1%	54.1%	0.1%	1.6%	98.4%
67	LE ROY TOWNSHIP	43.5%	45.2%	42.1%	0.5%	3.5%	96.5%
67	LINCOLN TOWNSHIP	43.9%	48.0%	43.0%	0.4%	2.5%	97.5%
67	MARION TOWNSHIP	51.8%	48.3%	47.2%	0.1%	2.1%	97.9%
67	MIDDLE BRANCH TOWNSHIP	53.8%	53.3%	53.5%	0.1%	2.4%	97.6%
67	ORIENT TOWNSHIP	49.6%	51.9%	57.2%	0.0%	2.6%	97.4%
67	OSCEOLA TOWNSHIP	54.0%	50.8%	57.2%	0.3%	3.3%	96.7%
67	REED CITY CITY	46.7%	48.0%	44.9%	1.3%	4.5%	95.5%
67	RICHMOND TOWNSHIP	43.9%	43.4%	43.3%	0.1%	2.2%	97.8%
67	ROSE LAKE TOWNSHIP	47.1%	42.2%	46.1%	0.1%	2.0%	98.0%
67	SHERMAN TOWNSHIP	56.2%	51.1%	45.0%	0.0%	1.6%	98.4%
67	SYLVAN TOWNSHIP	50.8%	53.7%	51.6%	0.2%	2.6%	97.4%
68	BIG CREEK TOWNSHIP	47.8%	45.1%	35.9%	0.2%	3.6%	96.4%
68	CLINTON TOWNSHIP	37.5%	42.2%	36.9%	0.0%	1.8%	98.2%
68	COMINS TOWNSHIP	42.4%	45.0%	40.4%	0.1%	1.7%	98.3%
68	ELMER TOWNSHIP	42.5%	40.0%	39.6%	0.0%	1.7%	98.3%
68	GREENWOOD TOWNSHIP	44.5%	47.3%	43.2%	0.0%	2.3%	97.7%
68	MENTOR TOWNSHIP	32.3%	39.8%	32.5%	0.0%	2.4%	97.6%
69	BAGLEY TOWNSHIP	40.7%	43.8%	42.1%	0.3%	3.2%	96.8%
69	CHARLTON TOWNSHIP	42.2%	47.0%	44.8%	0.4%	1.9%	98.1%
69	CHESTER TOWNSHIP	38.4%	40.9%	44.1%	0.0%	1.7%	98.3%

69	CORWITH TOWNSHIP	41.9%	45.6%	36.8%	0.1%	2.9%	97.1%
69	DOVER TOWNSHIP	32.7%	37.4%	29.3%	0.0%	1.4%	98.6%
69	ELMIRA TOWNSHIP	38.6%	44.3%	44.4%	0.0%	2.9%	97.1%
69	GAYLORD CITY	40.4%	39.6%	42.7%	0.8%	5.2%	94.8%
69	HAYES TOWNSHIP	46.1%	51.2%	45.5%	0.1%	3.0%	97.0%
69	LIVINGSTON TOWNSHIP	32.7%	38.6%	39.1%	0.1%	2.8%	97.2%
69	OTSEGO LAKE TOWNSHIP	46.0%	51.2%	49.5%	0.3%	2.6%	97.4%
70	ALLENDALE TOWNSHIP	54.4%	60.5%	56.9%	3.4%	10.6%	89.4%
70	BLENDON TOWNSHIP	64.2%	69.2%	61.6%	0.3%	3.3%	96.7%
70	CHESTER TOWNSHIP	57.5%	57.7%	52.3%	0.3%	4.6%	95.4%
70	COOPERSVILLE CITY	56.2%	57.3%	51.6%	0.4%	4.7%	95.3%
70	CROCKERY TOWNSHIP	49.8%	52.7%	51.2%	0.6%	4.3%	95.7%
70	FERRYSBURG CITY	49.6%	50.4%	49.4%	0.4%	3.7%	96.3%
70	GEORGETOWN TOWNSHIP	54.4%	64.3%	60.1%	0.8%	5.0%	95.0%
70	GRAND HAVEN CITY	50.4%	50.3%	49.0%	0.6%	4.9%	95.1%
70	GRAND HAVEN TOWNSHIP	46.9%	52.1%	50.3%	0.3%	4.8%	95.2%
70	HOLLAND CITY	54.2%	56.1%	55.3%	2.8%	26.5%	73.5%
70	HOLLAND TOWNSHIP	57.8%	61.1%	58.6%	2.1%	31.8%	68.2%
70	HUDSONVILLE CITY	60.3%	68.9%	66.5%	1.1%	4.9%	95.1%
70	JAMESTOWN TOWNSHIP	59.9%	67.1%	64.1%	0.2%	2.9%	97.1%
70	OLIVE TOWNSHIP	65.3%	72.1%	70.2%	2.9%	17.8%	82.2%
70	PARK TOWNSHIP	50.3%	54.8%	49.8%	0.6%	9.9%	90.1%
70	POLKTON TOWNSHIP	54.9%	60.2%	56.8%	0.0%	2.9%	97.1%
70	PORT SHELDON TOWNSHIP	55.5%	60.8%	55.2%	0.5%	7.4%	92.6%
70	ROBINSON TOWNSHIP	54.3%	55.7%	54.7%	0.0%	6.4%	93.6%
70	SPRING LAKE TOWNSHIP	48.6%	52.0%	50.0%	0.4%	3.9%	96.1%
70	TALLMADGE TOWNSHIP	61.8%	61.2%	59.9%	0.4%	3.4%	96.6%
70	WRIGHT TOWNSHIP	57.9%	64.6%	58.3%	0.3%	4.1%	95.9%
70	ZEELAND CITY	56.6%	68.4%	60.4%	0.7%	7.6%	92.4%
70	ZEELAND TOWNSHIP	61.5%	66.5%	65.9%	0.6%	9.6%	90.4%
71	ALLIS TOWNSHIP	29.6%	36.9%	41.2%	0.3%	3.4%	96.6%
71	BEARINGER TOWNSHIP	38.9%	47.1%	35.6%	0.6%	2.8%	97.2%
71	BELKNAP TOWNSHIP	28.1%	36.7%	32.3%	0.2%	1.5%	98.5%
71	BISMARCK TOWNSHIP	30.9%	35.9%	36.7%	0.0%	1.9%	98.1%
71	CASE TOWNSHIP	46.9%	52.9%	42.0%	0.1%	1.5%	98.5%
71	KRAKOW TOWNSHIP	37.0%	50.0%	41.9%	0.0%	0.5%	99.5%
71	METZ TOWNSHIP	34.9%	44.6%	43.7%	0.0%	1.6%	98.4%
71	MOLTKE TOWNSHIP	32.3%	40.0%	32.6%	1.7%	2.1%	97.9%
71	NORTH ALLIS TOWNSHIP	37.1%	37.8%	39.3%	0.0%	3.0%	97.0%
71	OCQUEOC TOWNSHIP	45.7%	47.7%	49.5%	0.0%	1.4%	98.6%
71	ONAWAY CITY	36.6%	36.6%	48.5%	0.1%	3.8%	96.2%
71	POSEN TOWNSHIP	34.9%	40.0%	33.7%	0.1%	2.0%	98.0%
71	PRESQUE ISLE TOWNSHIP	32.0%	45.3%	30.0%	0.1%	1.5%	98.5%
71	PULAWSKI TOWNSHIP	39.1%	47.4%	45.7%	0.0%	1.1%	98.9%
71	ROGERS TOWNSHIP	34.9%	33.9%	32.1%	0.4%	3.0%	97.0%
71	ROGERS CITY CITY	31.0%	38.4%	49.3%	0.6%	3.1%	96.9%
72	AU SABLE TOWNSHIP	37.0%	37.9%	46.1%	1.0%	2.9%	97.1%
72	BACKUS TOWNSHIP	46.8%	48.1%	43.5%	0.0%	3.8%	96.2%
72	DENTON TOWNSHIP	41.4%	49.6%	43.9%	0.4%	3.0%	97.0%
72	GERRISH TOWNSHIP	42.8%	45.0%	37.4%	0.5%	2.6%	97.4%
72	HIGGINS TOWNSHIP	42.0%	38.5%	41.3%	0.2%	2.8%	97.2%
72	LAKE TOWNSHIP	41.1%	41.9%	33.4%	0.4%	3.6%	96.4%

72	LYON TOWNSHIP	40.0%	46.5%	33.6%	0.3%	3.2%	96.8%
72	MARKEY TOWNSHIP	39.0%	45.9%	37.0%	0.1%	2.1%	97.9%
72	NESTER TOWNSHIP	47.6%	51.4%	46.2%	0.0%	2.6%	97.4%
72	RICHFIELD TOWNSHIP	39.8%	48.8%	39.0%	0.1%	3.1%	96.9%
72	ROSCOMMON TOWNSHIP	47.9%	50.3%	43.7%	0.1%	2.4%	97.6%
73	ALBEE TOWNSHIP	44.9%	43.3%	39.7%	2.3%	9.3%	90.7%
73	BIRCH RUN TOWNSHIP	41.5%	43.1%	37.3%	0.5%	4.0%	96.0%
73	BLUMFIELD TOWNSHIP	46.7%	48.7%	42.9%	0.4%	2.1%	97.9%
73	BRADY TOWNSHIP	42.4%	42.8%	37.6%	0.4%	4.3%	95.7%
73	BRANT TOWNSHIP	39.7%	41.1%	32.0%	0.3%	4.0%	96.0%
73	BRIDGEPORT TOWNSHIP	55.0%	55.5%	53.3%	23.3%	33.1%	66.9%
73	BUENA VISTA CHARTER TOWNSHIP	76.2%	74.0%	73.8%	58.8%	69.0%	31.0%
73	CARROLLTON TOWNSHIP	49.0%	48.0%	46.0%	10.1%	21.8%	78.2%
73	CHAPIN TOWNSHIP	38.7%	39.9%	40.7%	0.1%	3.4%	96.6%
73	CHESANING TOWNSHIP	42.8%	39.3%	38.7%	0.4%	4.8%	95.2%
73	FRANKENMUTH CITY	44.2%	47.9%	48.2%	0.6%	3.0%	97.0%
73	FRANKENMUTH TOWNSHIP	39.3%	42.7%	41.2%	0.1%	2.9%	97.1%
73	FREMONT TOWNSHIP	39.1%	42.7%	39.0%	0.2%	3.8%	96.2%
73	JAMES TOWNSHIP	33.8%	37.0%	30.1%	0.3%	4.3%	95.7%
73	JONESFIELD TOWNSHIP	40.1%	40.7%	35.8%	0.4%	4.6%	95.4%
73	KOCHVILLE TOWNSHIP	41.5%	40.1%	32.0%	8.2%	15.6%	84.4%
73	LAKEFIELD TOWNSHIP	35.6%	43.0%	36.0%	0.0%	4.6%	95.4%
73	MAPLE GROVE TOWNSHIP	35.8%	38.6%	34.1%	0.7%	2.5%	97.5%
73	MARION TOWNSHIP	35.3%	37.0%	32.4%	0.3%	3.5%	96.5%
73	RICHLAND TOWNSHIP	41.1%	38.8%	36.4%	0.2%	3.5%	96.5%
73	SAGINAW CITY	68.9%	64.8%	65.8%	43.3%	57.5%	42.5%
73	SAGINAW TOWNSHIP	45.4%	45.4%	45.3%	7.7%	17.3%	82.7%
73	ST CHARLES TOWNSHIP	39.8%	39.0%	35.8%	0.4%	4.5%	95.5%
73	SPAULDING TOWNSHIP	48.3%	51.3%	45.3%	15.0%	27.2%	72.8%
73	SWAN CREEK TOWNSHIP	40.1%	40.1%	39.1%	0.3%	4.8%	95.2%
73	TAYMOUTH TOWNSHIP	39.8%	44.2%	42.5%	0.8%	5.5%	94.5%
73	THOMAS TOWNSHIP	38.4%	43.4%	39.3%	0.9%	5.5%	94.5%
73	TITTABAWASSEE TOWNSHIP	38.4%	41.3%	35.8%	11.7%	15.4%	84.6%
73	ZILWAUKEE CITY	41.6%	40.1%	37.2%	3.3%	10.2%	89.8%
73	ZILWAUKEE TOWNSHIP	50.0%	48.5%	24.0%	14.3%	21.4%	78.6%
74	ALGONAC CITY	44.9%	NA	NA	0.2%	2.9%	97.1%
74	BERLIN TOWNSHIP	47.5%	NA	NA	0.5%	3.3%	96.7%
74	BROCKWAY TOWNSHIP	42.1%	NA	NA	0.3%	2.9%	97.1%
74	BURTCHVILLE TOWNSHIP	40.0%	NA	NA	0.3%	4.6%	95.4%
74	CASCO TOWNSHIP	45.7%	NA	NA	0.5%	3.8%	96.2%
74	CHINA TOWNSHIP	36.0%	NA	NA	0.1%	1.9%	98.1%
74	CLAY TOWNSHIP	41.4%	NA	NA	0.1%	2.3%	97.7%
74	CLYDE TOWNSHIP	39.4%	NA	NA	0.4%	3.4%	96.6%
74	COLUMBUS TOWNSHIP	46.1%	NA	NA	0.2%	3.0%	97.0%
74	COTTRELLVILLE TOWNSHIP	34.1%	NA	NA	0.1%	2.1%	97.9%
74	EAST CHINA TOWNSHIP	38.5%	NA	NA	0.3%	2.2%	97.8%
74	EMMETT TOWNSHIP	38.5%	NA	NA	0.4%	3.3%	96.7%
74	FORT GRATIOT TOWNSHIP	40.1%	NA	NA	1.6%	6.0%	94.0%
74	GRANT TOWNSHIP	39.9%	NA	NA	0.1%	2.8%	97.2%
74	GREENWOOD TOWNSHIP	38.2%	NA	NA	0.3%	3.7%	96.3%
74	IRA TOWNSHIP	45.7%	NA	NA	0.8%	4.4%	95.6%
74	KENOCKEE TOWNSHIP	42.8%	NA	NA	0.2%	2.3%	97.7%

74	KIMBALL TOWNSHIP	39.7%	NA	NA	1.2%	4.2%	95.8%
74	LYNN TOWNSHIP	46.6%	NA	NA	1.3%	7.4%	92.6%
74	MARINE CITY CITY	43.6%	NA	NA	0.2%	3.2%	96.8%
74	MARYSVILLE CITY	40.1%	NA	NA	0.3%	2.8%	97.2%
74	MEMPHIS CITY	46.7%	NA	NA	1.8%	5.2%	94.8%
74	MUSSEY TOWNSHIP	49.7%	NA	NA	0.1%	10.3%	89.7%
74	PORT HURON CITY	46.8%	NA	NA	8.2%	15.2%	84.8%
74	PORT HURON TOWNSHIP	44.1%	NA	NA	4.7%	9.8%	90.2%
74	RICHMOND CITY	38.6%	NA	NA	0.0%	50.0%	50.0%
74	RILEY TOWNSHIP	45.3%	NA	NA	0.4%	3.8%	96.2%
74	ST CLAIR CITY	41.8%	NA	NA	0.3%	3.4%	96.6%
74	ST CLAIR TOWNSHIP	43.0%	NA	NA	0.2%	2.8%	97.2%
74	WALES TOWNSHIP	44.1%	NA	NA	2.5%	4.1%	95.9%
74	YALE CITY	43.0%	NA	NA	0.4%	3.0%	97.0%
75	BURR OAK TOWNSHIP	53.0%	46.3%	53.3%	0.5%	3.4%	96.6%
75	COLON TOWNSHIP	43.9%	45.9%	40.2%	0.2%	2.1%	97.9%
75	CONSTANTINE TOWNSHIP	50.2%	51.4%	49.5%	0.9%	5.2%	94.8%
75	FABIUS TOWNSHIP	48.6%	52.0%	46.3%	1.1%	4.1%	95.9%
75	FAWN RIVER TOWNSHIP	53.3%	53.6%	48.2%	0.8%	6.5%	93.5%
75	FLORENCE TOWNSHIP	38.5%	43.4%	43.8%	1.3%	5.1%	94.9%
75	FLOWERFIELD TOWNSHIP	49.9%	58.4%	51.9%	0.7%	4.4%	95.6%
75	LEONIDAS TOWNSHIP	52.3%	47.5%	47.0%	0.7%	3.1%	96.9%
75	LOCKPORT TOWNSHIP	41.3%	44.4%	43.0%	7.6%	12.2%	87.8%
75	MENDON TOWNSHIP	44.1%	41.3%	44.4%	0.9%	4.1%	95.9%
75	MOTTVILLE TOWNSHIP	53.5%	53.4%	50.7%	0.5%	3.2%	96.8%
75	NOTTAWA TOWNSHIP	40.7%	43.6%	40.6%	1.3%	4.8%	95.2%
75	PARK TOWNSHIP	52.0%	50.8%	45.5%	2.2%	5.1%	94.9%
75	SHERMAN TOWNSHIP	46.2%	45.8%	45.3%	0.2%	3.6%	96.4%
75	STURGIS CITY	50.9%	53.5%	49.4%	1.2%	20.8%	79.2%
75	STURGIS TOWNSHIP	51.3%	51.5%	46.7%	0.6%	10.7%	89.3%
75	THREE RIVERS CITY	51.5%	51.5%	49.7%	9.7%	16.3%	83.7%
75	WHITE PIGEON TOWNSHIP	51.1%	52.5%	49.7%	0.3%	4.2%	95.8%
76	ARGYLE TOWNSHIP	41.8%	46.8%	43.7%	0.0%	3.0%	97.0%
76	AUSTIN TOWNSHIP	41.2%	43.5%	44.6%	0.0%	0.0%	100.0%
76	BRIDGEHAMPTON TOWNSHIP	42.5%	41.1%	43.1%	0.0%	3.9%	96.1%
76	BUEL TOWNSHIP	51.8%	54.7%	53.1%	0.0%	4.1%	95.9%
76	CROSWELL CITY	42.7%	44.3%	45.1%	0.6%	12.9%	87.1%
76	CUSTER TOWNSHIP	42.2%	52.7%	44.8%	0.0%	5.1%	94.9%
76	DELAWARE TOWNSHIP	48.9%	48.3%	44.1%	0.3%	2.6%	97.4%
76	ELK TOWNSHIP	42.8%	48.5%	44.2%	0.4%	4.8%	95.2%
76	ELMER TOWNSHIP	46.5%	50.2%	49.5%	0.2%	4.4%	95.6%
76	EVERGREEN TOWNSHIP	56.8%	60.6%	54.8%	0.8%	2.6%	97.4%
76	FLYNN TOWNSHIP	42.9%	47.0%	41.2%	0.0%	2.6%	97.4%
76	FORESTER TOWNSHIP	46.2%	55.1%	54.3%	0.1%	3.5%	96.5%
76	FREMONT TOWNSHIP	41.2%	41.8%	43.5%	0.1%	4.9%	95.1%
76	GREENLEAF TOWNSHIP	50.8%	56.4%	53.5%	0.0%	1.6%	98.4%
76	LAMOTTE TOWNSHIP	55.5%	57.3%	51.8%	0.6%	3.2%	96.8%
76	LEXINGTON TOWNSHIP	44.2%	46.5%	47.0%	0.2%	2.7%	97.3%
76	MAPLE VALLEY TOWNSHIP	51.3%	52.0%	47.5%	0.3%	2.2%	97.8%
76	MARION TOWNSHIP	33.3%	44.4%	45.0%	0.2%	5.3%	94.7%
76	MARLETTE CITY	51.8%	52.7%	53.3%	0.4%	5.6%	94.4%
76	MARLETTE TOWNSHIP	53.0%	50.7%	45.7%	0.2%	3.2%	96.8%

76	MINDEN TOWNSHIP	29.8%	42.2%	40.8%	0.0%	3.0%	97.0%
76	MOORE TOWNSHIP	45.2%	46.9%	42.3%	0.0%	3.5%	96.5%
76	SANDUSKY CITY	45.1%	43.4%	44.3%	1.6%	6.7%	93.3%
76	SANILAC TOWNSHIP	44.4%	49.7%	48.7%	0.2%	3.1%	96.9%
76	SPEAKER TOWNSHIP	44.6%	47.5%	44.7%	0.7%	3.2%	96.8%
76	WASHINGTON TOWNSHIP	40.3%	45.8%	48.3%	0.3%	3.6%	96.4%
76	WATERTOWN TOWNSHIP	35.6%	48.2%	39.7%	0.4%	2.8%	97.2%
76	WHEATLAND TOWNSHIP	40.5%	46.4%	45.6%	0.0%	7.2%	92.8%
76	WORTH TOWNSHIP	42.9%	NA	45.4%	0.1%	3.6%	96.4%
77	DOYLE TOWNSHIP	27.8%	43.9%	NA	0.0%	8.2%	91.8%
77	GERMFASK TOWNSHIP	32.9%	46.9%	NA	0.0%	6.8%	93.2%
77	HIAWATHA TOWNSHIP	22.9%	36.8%	NA	0.3%	8.2%	91.8%
77	INWOOD TOWNSHIP	21.9%	35.5%	NA	0.0%	8.6%	91.4%
77	MANISTIQUE CITY	31.7%	39.3%	NA	0.3%	11.2%	88.8%
77	MANISTIQUE TOWNSHIP	28.3%	41.1%	NA	0.1%	15.2%	84.8%
77	MUELLER TOWNSHIP	29.8%	35.6%	NA	0.0%	6.0%	94.0%
77	SENEY TOWNSHIP	26.0%	42.9%	NA	0.0%	6.5%	93.5%
77	THOMPSON TOWNSHIP	25.8%	44.9%	NA	0.0%	9.7%	90.3%
78	ANTRIM TOWNSHIP	47.0%	47.2%	41.7%	0.3%	3.6%	96.4%
78	BENNINGTON TOWNSHIP	39.3%	40.3%	38.6%	0.2%	3.2%	96.8%
78	BURNS TOWNSHIP	44.6%	49.6%	46.1%	0.0%	3.1%	96.9%
78	CALEDONIA CHARTER TOWNSHIP	53.7%	36.2%	32.8%	0.2%	3.0%	97.0%
78	CORUNNA CITY	40.4%	37.2%	38.2%	1.2%	5.2%	94.8%
78	DURAND CITY	48.2%	48.1%	45.7%	0.4%	4.9%	95.1%
78	FAIRFIELD TOWNSHIP	37.1%	37.6%	33.1%	0.3%	4.0%	96.0%
78	HAZELTON TOWNSHIP	37.9%	46.8%	38.8%	0.2%	2.9%	97.1%
78	LAINGSBURG CITY	39.9%	42.8%	43.5%	0.3%	3.2%	96.8%
78	MIDDLEBURY TOWNSHIP	43.8%	44.6%	37.8%	0.3%	3.3%	96.7%
78	NEW HAVEN TOWNSHIP	31.1%	32.1%	31.1%	0.0%	1.8%	98.2%
78	OWOSSO CITY	38.8%	37.0%	36.1%	0.8%	5.6%	94.4%
78	OWOSSO TOWNSHIP	35.7%	35.4%	35.9%	0.1%	3.2%	96.8%
78	PERRY CITY	50.8%	55.2%	48.8%	0.3%	3.7%	96.3%
78	PERRY TOWNSHIP	39.5%	42.1%	38.7%	0.5%	3.6%	96.4%
78	RUSH TOWNSHIP	37.4%	33.5%	29.2%	0.0%	2.5%	97.5%
78	SCIOTA TOWNSHIP	39.9%	42.8%	39.4%	0.3%	3.5%	96.5%
78	SHIAWASSEE TOWNSHIP	42.5%	46.5%	37.3%	0.1%	2.6%	97.4%
78	VENICE TOWNSHIP	40.2%	42.4%	37.1%	0.1%	3.8%	96.2%
78	VERNON TOWNSHIP	42.1%	46.1%	41.4%	0.1%	2.9%	97.1%
78	WOODHULL TOWNSHIP	38.7%	46.8%	45.6%	0.6%	3.4%	96.6%
79	AKRON TOWNSHIP	41.6%	41.3%	28.2%	0.1%	4.8%	95.2%
79	ALMER TOWNSHIP	36.8%	44.4%	34.5%	0.6%	3.7%	96.3%
79	ARBELA TOWNSHIP	45.0%	49.0%	41.0%	0.7%	4.2%	95.8%
79	CARO CITY	42.3%	44.0%	38.6%	0.8%	6.6%	93.4%
79	COLUMBIA TOWNSHIP	40.0%	37.0%	33.4%	0.0%	4.1%	95.9%
79	DAYTON TOWNSHIP	49.1%	50.6%	43.3%	3.3%	5.7%	94.3%
79	DENMARK TOWNSHIP	54.1%	49.6%	38.6%	0.3%	4.9%	95.1%
79	ELKLAND TOWNSHIP	47.4%	47.3%	42.7%	0.1%	3.7%	96.3%
79	ELLINGTON TOWNSHIP	30.4%	42.8%	33.5%	0.0%	2.8%	97.2%
79	ELMWOOD TOWNSHIP	38.9%	39.3%	NA	0.6%	6.2%	93.8%
79	FAIRGROVE TOWNSHIP	41.5%	37.1%	37.0%	0.6%	5.0%	95.0%
79	FREMONT TOWNSHIP	41.4%	49.0%	44.9%	0.4%	3.5%	96.5%
79	GILFORD TOWNSHIP	44.4%	42.3%	34.3%	0.5%	5.0%	95.0%

79	INDIANFIELDS TOWNSHIP	42.1%	39.1%	38.4%	3.0%	9.1%	90.9%
79	JUNIATA TOWNSHIP	43.2%	44.5%	42.4%	1.4%	5.5%	94.5%
79	KINGSTON TOWNSHIP	48.3%	45.0%	43.3%	0.1%	2.7%	97.3%
79	KOYLTON TOWNSHIP	51.2%	51.3%	44.8%	0.3%	3.0%	97.0%
79	MILLINGTON TOWNSHIP	46.7%	46.7%	35.0%	0.4%	3.3%	96.7%
79	NOVESTA TOWNSHIP	42.6%	40.2%	39.6%	0.0%	3.0%	97.0%
79	VASSAR CITY	48.1%	43.7%	43.6%	4.1%	8.1%	91.9%
79	VASSAR TOWNSHIP	43.6%	49.9%	42.1%	0.4%	3.5%	96.5%
79	WATERTOWN TOWNSHIP	46.8%	55.8%	43.0%	0.4%	2.3%	97.7%
79	WELLS TOWNSHIP	48.0%	50.1%	42.0%	0.5%	4.1%	95.9%
79	WISNER TOWNSHIP	38.9%	47.8%	42.9%	0.2%	5.3%	94.7%
80	ALMENA TOWNSHIP	43.1%	51.0%	48.9%	1.2%	5.8%	94.2%
80	ANTWERP TOWNSHIP	42.0%	49.1%	45.6%	0.9%	7.1%	92.9%
80	ARLINGTON TOWNSHIP	47.9%	52.7%	54.8%	2.8%	13.8%	86.2%
80	BANGOR CITY	48.3%	51.0%	55.3%	10.8%	25.3%	74.7%
80	BANGOR TOWNSHIP	46.4%	58.3%	54.5%	4.2%	18.0%	82.0%
80	BLOOMINGDALE TOWNSHIP	43.3%	55.1%	45.0%	1.9%	6.7%	93.3%
80	COLUMBIA TOWNSHIP	39.9%	51.9%	39.9%	2.3%	14.5%	85.5%
80	COVERT TOWNSHIP	59.6%	75.7%	65.6%	26.0%	53.3%	46.7%
80	DECATUR TOWNSHIP	42.5%	52.1%	49.7%	2.5%	12.4%	87.6%
80	GENEVA TOWNSHIP	48.3%	54.1%	54.1%	6.8%	20.0%	80.0%
80	GOBLES CITY	52.0%	56.3%	56.4%	0.5%	6.2%	93.8%
80	HAMILTON TOWNSHIP	44.7%	51.3%	51.5%	2.0%	13.8%	86.2%
80	HARTFORD CITY	48.3%	54.7%	57.4%	1.3%	30.0%	70.0%
80	HARTFORD TOWNSHIP	56.4%	61.2%	58.8%	0.6%	21.4%	78.6%
80	KEELER TOWNSHIP	65.1%	56.1%	40.3%	0.2%	19.5%	80.5%
80	LAWRENCE TOWNSHIP	34.4%	52.9%	45.9%	1.9%	17.6%	82.4%
80	PAW PAW TOWNSHIP	41.6%	49.1%	47.0%	2.1%	8.5%	91.5%
80	PINE GROVE TOWNSHIP	46.7%	57.1%	48.4%	1.0%	3.5%	96.5%
80	PORTER TOWNSHIP	44.9%	49.7%	46.9%	0.6%	5.4%	94.6%
80	SOUTH HAVEN CITY	43.5%	49.6%	49.1%	12.0%	16.9%	83.1%
80	SOUTH HAVEN TOWNSHIP	46.4%	53.8%	50.5%	9.0%	18.6%	81.4%
80	WAVERLY TOWNSHIP	43.9%	51.0%	54.8%	0.6%	6.0%	94.0%
81	ANN ARBOR CITY	46.2%	42.7%	32.4%	6.9%	27.8%	72.2%
81	ANN ARBOR TOWNSHIP	43.0%	41.6%	43.5%	2.9%	22.9%	77.1%
81	AUGUSTA TOWNSHIP	44.6%	49.0%	40.2%	7.8%	12.0%	88.0%
81	BRIDGEWATER TOWNSHIP	33.8%	44.8%	43.8%	0.0%	3.5%	96.5%
81	CHELSEA CITY	43.4%	43.0%	22.9%	0.3%	4.3%	95.7%
81	DEXTER CITY	40.4%	NA	NA	1.1%	7.8%	92.2%
81	DEXTER TOWNSHIP	40.4%	43.4%	25.7%	0.4%	3.9%	96.1%
81	FREEDOM TOWNSHIP	44.1%	45.0%	39.8%	0.3%	2.7%	97.3%
81	LIMA TOWNSHIP	37.0%	43.9%	28.5%	1.1%	6.1%	93.9%
81	LODI TOWNSHIP	40.8%	43.6%	24.5%	2.2%	10.1%	89.9%
81	LYNDON TOWNSHIP	41.2%	47.2%	27.2%	3.8%	6.9%	93.1%
81	MANCHESTER TOWNSHIP	41.4%	46.2%	42.0%	0.2%	2.3%	97.7%
81	MILAN CITY	42.3%	42.8%	31.8%	2.6%	9.7%	90.3%
81	NORTHFIELD TOWNSHIP	40.8%	42.3%	27.3%	0.9%	5.2%	94.8%
81	PITTSFIELD CHARTER TOWNSHIP	49.0%	45.9%	34.1%	13.5%	35.0%	65.0%
81	SALEM TOWNSHIP	41.2%	49.5%	32.9%	1.2%	5.1%	94.9%
81	SALINE CITY	38.7%	40.5%	26.5%	1.1%	6.8%	93.2%
81	SALINE TOWNSHIP	44.2%	52.8%	44.9%	1.7%	6.6%	93.4%
81	SCIO TOWNSHIP	44.9%	44.1%	43.0%	3.6%	16.4%	83.6%

81	SHARON TOWNSHIP	42.8%	40.3%	36.4%	0.3%	2.3%	97.7%
81	SUPERIOR TOWNSHIP	52.9%	51.9%	37.6%	26.6%	37.6%	62.4%
81	SYLVAN TOWNSHIP	40.0%	44.0%	32.0%	0.7%	4.4%	95.6%
81	WEBSTER TOWNSHIP	40.8%	40.6%	25.7%	0.5%	4.6%	95.4%
81	YORK TOWNSHIP	45.4%	49.6%	29.2%	12.3%	21.2%	78.8%
81	YPSILANTI CITY	54.0%	40.5%	42.2%	26.2%	37.0%	63.0%
81	YPSILANTI TOWNSHIP	56.2%	54.1%	40.5%	30.3%	39.5%	60.5%
82	ALLEN PARK CITY	45.3%	44.4%	45.4%	1.9%	10.5%	89.5%
82	BELLEVILLE CITY	50.6%	49.5%	50.6%	12.6%	19.0%	81.0%
82	BROWNSTOWN TOWNSHIP	50.5%	49.1%	49.4%	7.9%	18.7%	81.3%
82	CANTON TOWNSHIP	48.9%	48.2%	46.7%	9.5%	27.2%	72.8%
82	DEARBORN CITY	50.8%	51.5%	52.2%	3.9%	12.5%	87.5%
82	DEARBORN HEIGHTS CITY	57.6%	46.4%	54.3%	7.0%	14.9%	85.1%
82	DETROIT CITY	80.1%	75.5%	75.9%	82.3%	91.0%	9.0%
82	ECORSE CITY	74.2%	72.3%	73.8%	45.2%	59.6%	40.4%
82	FLAT ROCK CITY	47.9%	45.5%	47.2%	3.6%	9.7%	90.3%
82	GARDEN CITY CITY	49.2%	46.5%	48.5%	3.0%	8.2%	91.8%
82	GIBRALTAR CITY	50.3%	52.9%	50.1%	1.9%	5.5%	94.5%
82	GROSSE ILE TOWNSHIP	39.9%	42.8%	41.9%	0.4%	5.8%	94.2%
82	GROSSE POINTE CITY	41.2%	44.7%	43.8%	2.7%	6.9%	93.1%
82	GROSSE POINTE FARMS CITY	41.1%	41.0%	41.5%	1.6%	4.9%	95.1%
82	GROSSE POINTE PARK CITY	41.0%	55.0%	50.4%	9.0%	14.5%	85.5%
82	GROSSE POINTE SHORES CITY	48.3%	45.2%	43.5%	1.8%	8.0%	92.0%
82	GROSSE POINTE WOODS CITY	42.5%	46.9%	39.7%	3.6%	8.3%	91.7%
82	HAMTRAMCK CITY	74.9%	70.3%	75.7%	18.2%	43.9%	56.1%
82	HARPER WOODS CITY	64.9%	59.3%	57.6%	40.2%	44.9%	55.1%
82	HIGHLAND PARK CITY	84.3%	82.0%	80.2%	93.1%	96.6%	3.4%
82	HURON TOWNSHIP	40.6%	43.5%	38.0%	2.6%	7.8%	92.2%
82	INKSTER CITY	78.5%	78.2%	74.2%	70.8%	77.5%	22.5%
82	LINCOLN PARK CITY	57.3%	51.5%	56.6%	5.3%	19.3%	80.7%
82	LIVONIA CITY	44.0%	45.1%	44.0%	3.2%	8.8%	91.2%
82	MELVINDALE CITY	63.8%	57.1%	60.4%	10.6%	29.1%	70.9%
82	NORTHVILLE CITY	43.1%	47.6%	43.3%	2.2%	7.2%	92.8%
82	NORTHVILLE TOWNSHIP	45.4%	48.8%	44.6%	3.6%	16.6%	83.4%
82	PLYMOUTH CITY	39.3%	41.3%	39.8%	1.6%	6.3%	93.7%
82	PLYMOUTH TOWNSHIP	40.7%	45.6%	41.9%	2.0%	8.5%	91.5%
82	REDFORD TOWNSHIP	59.8%	55.5%	52.8%	25.5%	30.6%	69.4%
82	RIVER ROUGE CITY	74.9%	69.8%	72.0%	47.6%	59.7%	40.3%
82	RIVERVIEW CITY	48.7%	47.4%	48.7%	2.8%	8.6%	91.4%
82	ROCKWOOD CITY	45.6%	48.0%	47.1%	1.1%	6.2%	93.8%
82	ROMULUS CITY	64.4%	61.9%	60.6%	39.7%	46.2%	53.8%
82	SOUTHGATE CITY	49.8%	47.7%	50.8%	5.2%	13.6%	86.4%
82	SUMPTER TOWNSHIP	52.1%	52.9%	53.5%	12.3%	16.5%	83.5%
82	TAYLOR CITY	55.5%	49.4%	54.0%	12.7%	20.5%	79.5%
82	TRENTON CITY	42.5%	46.7%	45.5%	1.3%	5.7%	94.3%
82	VAN BUREN TOWNSHIP	56.9%	56.4%	53.2%	26.7%	33.6%	66.4%
82	WAYNE CITY	57.8%	54.1%	56.0%	15.9%	23.1%	76.9%
82	WESTLAND CITY	57.2%	53.8%	55.0%	15.8%	23.7%	76.3%
82	WOODHAVEN CITY	47.4%	47.0%	47.3%	4.9%	13.0%	87.0%
82	WYANDOTTE CITY	47.8%	44.3%	47.6%	1.1%	7.2%	92.8%
83	ANTIOCH TOWNSHIP	51.9%	48.2%	52.0%	0.2%	3.8%	96.2%
83	BOON TOWNSHIP	48.6%	48.1%	38.6%	0.6%	2.7%	97.3%

83	CADILLAC CITY	46.8%	43.8%	44.4%	0.4%	4.2%	95.8%
83	CEDAR CREEK TOWNSHIP	46.8%	43.5%	42.0%	0.2%	3.0%	97.0%
83	CHERRY GROVE TOWNSHIP	43.9%	44.0%	42.0%	0.1%	3.3%	96.7%
83	CLAM LAKE TOWNSHIP	42.9%	42.0%	39.8%	0.5%	2.5%	97.5%
83	COLFAX TOWNSHIP	51.3%	47.0%	49.2%	0.6%	3.2%	96.8%
83	GREENWOOD TOWNSHIP	27.5%	45.6%	31.5%	0.0%	2.4%	97.6%
83	HANOVER TOWNSHIP	50.1%	57.4%	49.3%	0.4%	3.6%	96.4%
83	HARING TOWNSHIP	43.7%	43.0%	39.7%	0.3%	3.3%	96.7%
83	HENDERSON TOWNSHIP	46.7%	40.3%	41.7%	0.0%	0.0%	100.0%
83	LIBERTY TOWNSHIP	52.9%	48.7%	47.3%	0.0%	3.6%	96.4%
83	MANTON CITY	47.4%	41.1%	43.0%	0.8%	4.1%	95.9%
83	SELMA TOWNSHIP	44.3%	45.3%	43.8%	0.4%	3.0%	97.0%
83	SLAGLE TOWNSHIP	53.9%	49.7%	38.0%	0.0%	2.4%	97.6%
83	SOUTH BRANCH TOWNSHIP	54.2%	59.5%	45.1%	0.0%	4.3%	95.7%
83	SPRINGVILLE TOWNSHIP	52.2%	55.8%	54.1%	0.0%	3.6%	96.4%
83	WEXFORD TOWNSHIP	50.0%	52.1%	49.7%	0.0%	2.4%	97.6%

NA - voting data not available

COUNTY CODES

01	Alcona County	29	Gratiot County	57	Missaukee County
02	Alger County	30	Hillsdale County	58	Monroe County
03	Allegan County	31	Houghton County	59	Montcalm County
04	Alpena County	32	Huron County	60	Montmorency County
05	Antrim County	33	Ingham County	61	Muskegon County
06	Arenac County	34	Ionia County	62	Newaygo County
07	Baraga County	35	Iosco County	63	Oakland County
08	Barry County	36	Iron County	64	Oceana County
09	Bay County	37	Isabella County	65	Ogemaw County
10	Benzie County	38	Jackson County	66	Ontonagon County
11	Berrien County	39	Kalamazoo County	67	Osceola County
12	Branch County	40	Kalkaska County	68	Oscoda County
13	Calhoun County	41	Kent County	69	Otsego County
14	Cass County	42	Keweenaw County	70	Ottawa County
15	Charlevoix County	43	Lake County	71	Presque Isle County
16	Cheboygan County	44	Lapeer County	72	Roscommon County
17	Chippewa County	45	Leelanau County	73	Saginaw County
18	Clare County	46	Lenawee County	74	St. Clair County
19	Clinton County	47	Livingston County	75	St. Joseph County
20	Crawford County	48	Luce County	76	Sanilac County
21	Delta County	49	Mackinac County	77	Schoolcraft County
22	Dickinson County	50	Macomb County	78	Shiawassee County
23	Eaton County	51	Manistee County	79	Tuscola County
24	Emmet County	52	Marquette County	80	Van Buren County
25	Genesee County	53	Mason County	81	Washtenaw County
26	Gladwin County	54	Mecosta County	82	Wayne County
27	Gogebic County	55	Menominee County	83	Wexford County
28	Grand Traverse County	56	Midland County		

Appendix B

Appendix B - Resume

Kurt R. Metzger

Director Emeritus, Data Driven Detroit
Principal, Kurt R. Metzger & Associates
28 Sylvan Avenue
Pleasant Ridge, MI 48069
Cell: 248-224-2089
Dataguru1947@gmail.com

Education

M.A (Experimental Psychology) June, 1972,
University of Cincinnati, Cincinnati, OH
B.A (Psychology/Sociology) August, 1969,
University of Cincinnati, Cincinnati, OH

Areas of Research Interest

Demographic Analysis	Reapportionment Analysis
Local Economic Development	Environmental Justice
Digital Divide – Neighborhood Access to Information	Immigration and Racial Diversity
Neighborhood Networks	HMDA/CRA Analysis
EEO/Affirmative Action	Program Evaluation

Professional Experience

Principal of Kurt R. Metzger & Associates, January 2014 to Present. I continue the work I have done throughout my career in a consulting capacity. A major project began in September 2015 and continues to the present. The United Way for Southeastern Michigan (UWSEM), a former employer, brought me on to redevelop a Research and Learning Department at the organization which would serve as a key driver of the organization going forward.

Mayor, City of Pleasant Ridge, Michigan, November 2013 to Present. As a 28-year resident of Pleasant Ridge, I decided, as I was preparing to formally retire from D3, to begin my volunteer service career by running for its Mayor. I won a 4-year term in November of 2013.

Executive Director, Data Driven Detroit (D3), October 2008 to December 31, 2013. Foundation-funded for a 3-year incubation period, D3 is designed to be a centralized location for information access. Establishing collaborations with federal, state and local government, nonprofit organizations and the private sector, D3 will bring data and resources together for broad dissemination. Data access and distribution will utilize multiple methods, led by publicly available web portals, and will utilize a staff of GIS and data analysis specialists. [www.datadrivendetroit.org]

Director of Research, United Way for Southeastern Michigan (UWSEM), October 2005 to October 2008. UWSEM is in the process of changing its funding model to one of Community Impact. Primary and secondary research will form the basis for identifying the critical issues in the Detroit region that UWSEM needs to address.

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Research Director, Center for Urban Studies, Wayne State University, June 2002 to September 2005. Directed a variety of research projects across the Center for Urban Studies.

Director, Michigan Metropolitan Information Center (MIMIC), Center for Urban Studies, Wayne State University, October 1993 to September 2005. MIMIC's mission is to document and investigate trends in urban population and housing. MIMIC conducts a variety of research, education and service programs designed to improve the understanding of population and housing patterns in Detroit and urban America. MIMIC specializes in the use of census data, the computer processing of large public data sets, and computer mapping.

Senior Research Analyst, Center for Urban Studies, Wayne State University, May 1990 - October 1993. Responsible for the development of an outreach program that combines product development with education and community service. Elements of this program include the origination of publications (data profiles and research monographs), the development and marketing of demographic products, production of a newsletter, and the formulation and presentation of training conferences and workshops for faculty, professional associations, media, government agencies, and the general public. Recent activities have been directed toward the creation of a Michigan Business and Industry Data Center.

Information Services Specialist, U.S. Census Bureau, Detroit Regional Office, January 1981 - April 1990. Organized and directed the data services program in the region. Served in a public relations and market research capacity, providing businesses, libraries, schools, media, community groups and government agencies with census information for market studies and related applications. Developed reference materials and training seminars which I conducted throughout Michigan, Ohio and West Virginia.

Assistant Regional Census Manager, U.S. Census Bureau, Detroit Regional Office, June 1979 - December 1980. Responsible for all administrative activities in the thirty-nine 1980 Census district offices throughout Michigan and Ohio. Supervised staff in the Detroit Regional Census Center and administrative supervisors in each district office.

Geographic Planning Specialist, U.S. Census Bureau, Detroit Regional Office, October 1976 - May 1979. Initiated the regional geographic program in Detroit. Consulted with local government and planning agencies in Ohio and Michigan to develop the map and address files (GBF/Dime) for use in the 1980 Census. Supervised a regional staff, while monitoring and evaluating the work done in the field under joint statistical agreements.

Organizational Membership

Association of Public Data Users
Community Indicators Consortium
Global Detroit - Advisory Council
Greater Detroit Chamber of Commerce
Greening of Detroit
International Institute of Metropolitan Detroit
JVS - Community Advisory Committee
Leadership Detroit XXIII
MetroMatters
National Neighborhood Indicators Partnership
Population Reference Bureau
Southeast Michigan Council of Governments

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Urban Affairs Association
Urban Land Institute
Wayne State University - Community Advisory Council
Woodward Avenue Action Association

Presentations

Until stepping down from Data Driven Detroit, I delivered approximately 40 - 50 presentations a year covering a host of demographic, socioeconomic, economic and housing-related issues. [Since that time, the number has been reduced to about 20.] I have been an annual speaker for Leadership programs in Detroit, Oakland and Macomb counties. I have been a featured speaker twice a year for the WSU Detroit Orientation Institute and am a regular speaker at events sponsored by Crain's Detroit Business, the Federal Reserve Bank, the Regional Chamber of Commerce and the Michigan Roundtable for Diversity and Inclusion. (samples available upon request). I continue to receive speaking requests from a wide range of organizations throughout Michigan.

Articles

"Abortions and the Medicaid Funding Ban in Michigan," PSAY (Protecting Sexually Active Youth) Network newsletter, March 1994.

"Surveys Track Off-Year Trends," Michigan Planner (publication of Michigan Society of Planning Officials), Fall 92, Vol. 12, No. 4.

Neighborhood Opportunity Structures and Immigrants' Socioeconomic Advancement. Galster, George, Kurt Metzger and Ruth Waite. 1999. *Housing Policy Debate* 10(1).

Neighborhood Opportunity Structures of Immigrant Populations, 1980 and 1990. Galster, George, Kurt Metzger and Ruth Waite. 1999. *Housing Policy Debate* 10(2).

"Increased Incidence of Unilateral and Bilateral Retinoblastoma Among Individuals of Hawaiian Ethnicity," MR Hamre, PJ Chuba*, RK Severson, K Metzger, J Roarty, R Thomas, Y Ravindranath, St. John Hospital and Medical Center, Detroit, MI and Departments of Pediatrics, Family Medicine, Center of Urban Studies, Opthalmology, Karmanos Cancer Institute, Wayne State University, Detroit, MI USA.

"Ethnic Differences in the Incidence of Childhood Cancer in the United States," MR Hamre, RK Severson, K Metzger, P Chuba, R Thomas, Y Ravaindranath, Departments of Pediatrics, Family Medicine, Urban Affairs, Karmanos Cancer Institute, Wayne State University, Detroit, MI and St. John's Hospital and Medical Center, Detroit, MI, USA.

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While not published per se, I continue to write a number of articles that are carried in the press, newsletters, such as the Center for Michigan and the Detroit News Hub, and in my blog (http://detroitdataguru.wordpress.com/). In addition, I am frequently quoted in the local press and have appeared in national publications such as the New York Times, Wall Street Journal, USA Today and TIME magazine.

Publications

"Metropolitan Detroit's Population," College of Urban, Labor and Metropolitan Affairs, Wayne State University - 1991

"Housing in Metropolitan Detroit," College of Urban, Labor and Metropolitan Affairs, Wayne State University - 1992

"An Assessment of the 1990 Home Mortgage Disclosure Act Tables," College of Urban, Labor and Metropolitan Affairs, Wayne State University - 1992.

1990 Census Community Profiles for Southeast Michigan, Volumes 1 and 2. Produced in cooperation with SEMCOG - 1992

1990 Census Community Profiles for Southeast Michigan, Volumes 3 and 4. Produced in cooperation with SEMCOG - 1993

1990 Census Zip Code Profiles for Michigan - 1993

1990 Demographic Profile of Michigan State House Districts - 1994

1990 Demographic Profile of Michigan State Senate Districts - 1994

1990 Census Data for Community Reinvestment Act (CRA) Compliance - 1994

Tri-County Environmental Equality Study, with Tomboulian, A; Tomboulian, P; Towns, D; and, Hands, L. - 1995

1990 Census Portrait of the Detroit Empowerment Zone - 1995

1996 Genesee County Factbook, prepared for the Charles Stewart Mott Foundation, January 1997

Benchmarking the City of Detroit and the Metropolitan Region, a report/publication prepared in conjunction with the Detroit Economic Growth Corporation and the Regional Chamber of Commerce, June 1998.

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Connecting the Urban Poor to Work: A Framework and Strategy for Action, served as research support to Michigan Future, Inc., November 1998.

International and Domestic Migration to Metropolitan Areas in the U.S., 1990-1999, (Working Paper Series, No. 2; Ethnic Research Note No. 1), Metzger, Kurt and Thompson, Bryan, May 2001.

Asians in the United States, Michigan and Metropolitan Detroit (Working Paper Series, No. 7; Ethnic Research Note No. 3), Booza, Jason and Metzger, Kurt, January 2002.

Asians in the U.S. and Canada: Patterns and Issues Related to Recent Regional Metropolitan Settlements, Metzger, Kurt and Thompson, Bryan, April 2000.

Center for Urban Studies Population Briefs—Census 2000, No. 1, Michigan's 2000 Population, Kurt Metzger and Jason Booza, June 2001

Center for Urban Studies Population Briefs—Census 2000, No. 2, Michigan's 2000 Population, Kurt Metzger and Jason Booza, June 2001

Center for Urban Studies Population Briefs—Census 2000, No. 3, Michigan's 2000 Population, Kurt Metzger and Jason Booza, August 2001

From A Childs' Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 1, Issue 1, "Residential Patterns, Age Distribution and Family Structure in Metropolitan Detroit," Kurt Metzger and Kristine Miranne, October 2001

From A Childs' Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 2, Issue 1, "Profile of Children Living in Detroit by Sub-community: Age distribution, Household structure and Family composition," Kurt Metzger and Kristine Miranne, March 2002

From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 2, Issue 2, "Race and Ethnicity in the Tri-County Area: Selected Communities and School Districts," Kurt Metzger and Kristine Miranne, June 2002

From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 2, Issue 3, "Poverty and Income Profile for the Tri-County Area and by Selected Communities," Kurt Metzger and Kristine Miranne, October 2002

From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 2, Issue 4, "Socioeconomic Characteristics of Children by Detroit Subcommunity," Kurt Metzger and Kristine Miranne, November 2002

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From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 3, Issue 1, "Asian Children and Families in the Tri-County Area," Kurt Metzger and Kristine Miranne, November 2003

From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 4, Issue 1, "Hispanic/Latino Children and Families in the Tri-County Area," Kurt Metzger and Kristine Miranne, January 2004

From A Child's Perspective: Detroit Metropolitan Census 2000 Fact Sheets Series, Volume 4, Issue 2, "Arab and Chaldean Children and Families in the Tri-County Area," Kurt Metzger and Kristine Miranne, February 2004

Living Together: A New Look at Racial and Ethnic Integration in Metropolitan Neighborhoods, David Fasenfest, Jason Booza, and Kurt Metzger, Brookings Institution, April 2004 [http://www.brookings.edu/urban/publications/20040428_fasenfest.htm]

A Demographic Portrait of Asians in Michigan – chapter published in the book, Asian Americans in Michigan; Voices from the Midwest, Edited by Sook Wilkinson and Victor Jew; Wayne State University Press, 2015.